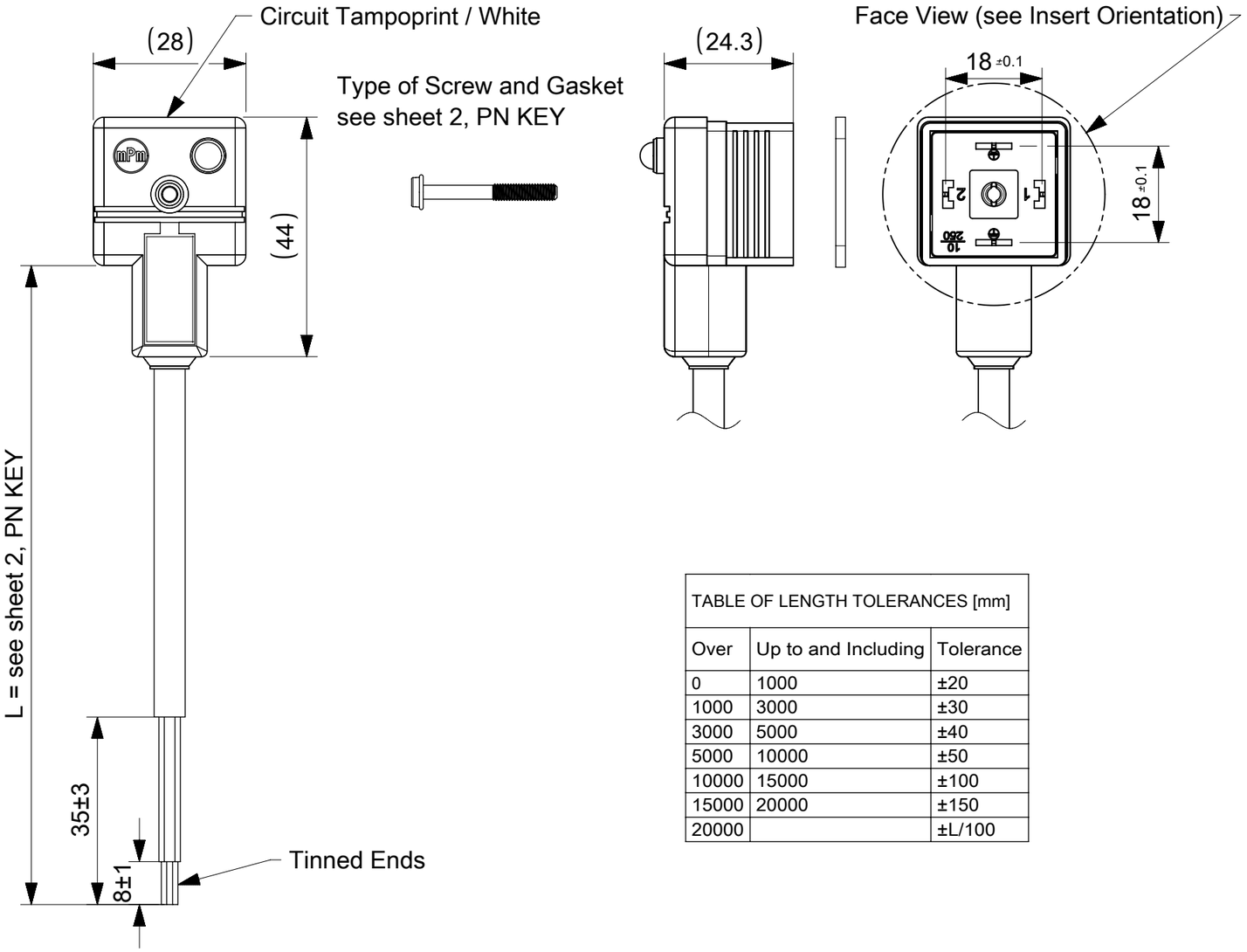
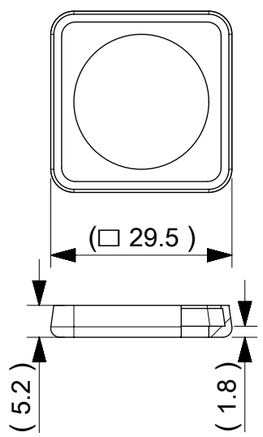
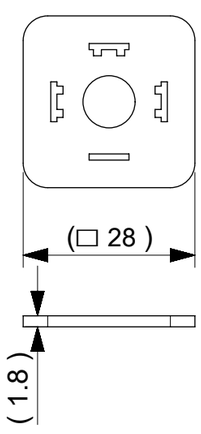
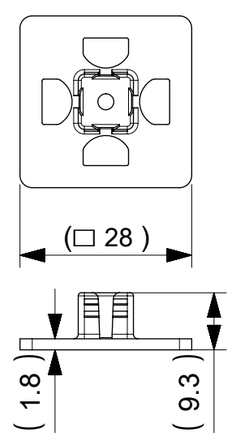
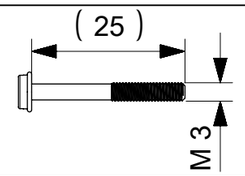
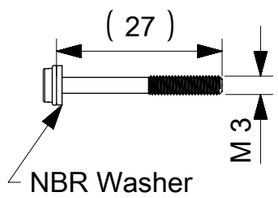



| TABLE OF LENGTH TOLERANCES [mm] | | |
|---|---|---|
| Over | Up to and Including | Tolerance |
| 0 | 1000 | ±20 |
| 1000 | 3000 | ±30 |
| 3000 | 5000 | ±40 |
| 5000 | 10000 | ±50 |
| 10000 | 15000 | ±100 |
| 15000 | 20000 | ±150 |
| 20000 | | ±L/100 |

| INSERT ORIENTATION | |
|---|---|
| Housing 2 Poles + 2 Earths | Housing 3 Poles + 1 Earth |
| Earth H6/H12<br>E452XXXXXX1XXXX | Earth H12<br>E452XXXXXX2XXXX<br>PIN 3 Not Used |
| Earth H3/H9<br>E452XXXXXX4XXXX | Earth H3<br>E452XXXXXX3XXXX<br>PIN 3 Not Used |
| Earth H6/H12<br>E452XXXXXX1XC3X<br>E452XXXXXX1XC7X<br>E452XXXXXX1XR0X<br>E452XXXXXX1XR2X | Earth H6<br>E452XXXXXX6XXXX<br>PIN 3 Not Used |
| Insert<br>rotated 180° | Earth H9<br>E452XXXXXX9XXXX<br>PIN 3 Not Used |

Type of Screws and Gaskets

| Profiled Gasket | Flat Gasket | Integrated Gasket | Screw M3x25 |
|---|---|---|---|
|  |  |  |  |
| | | | Screw M3x27 + Washer |
| | | |  |



| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/08/31 12:24:53 |
|---|---|---|---|

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| SYMBOLS | DIMENSION UNITS | SCALE |
|---|---|---|
| = 0 | mm | 1:1 |
| = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| = 0 | ANGULAR TOL ± ° | |
| = 0 | 4 PLACES ± | |
| = 0 | 3 PLACES ± | |
| = 0 | 2 PLACES ± | |
| = 0 | 1 PLACE ± | |
| = 0 | 0 PLACES ± | |
| = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC:

EC NO: 603741
DRWN: APAWLAK01 2018/07/13
CHK'D: RSILLER 2018/08/31
APPR: RSILLER 2018/08/31

INITIAL REVISION:
DRWN: APAWLAK01 2018/07/13
APPR: RSILLER 2018/08/31

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

STANDARD E452 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1210502000 | PSD | 000 | A |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE 1210502000_PDP | GENERAL MARKET | 1 OF 3 |

FORMAT: molex B size A3
REVISION: H
DATE: 2018/01/16

# PN KEY ENGINEERING PN

| E | 4 | 5 | 2 | X | X | X | X | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

E - Packing without bag
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in[cm]
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

Wiring Configuration:
See sheet 3

Voltage and Led Colour

| Red Led: | Green Led: | Yellow Led: |
|---|---|---|
| 1 = 12V | A = 12V | G = 12V |
| 2 = 24V | B = 24V | H = 24V |
| 3 = 48V | C = 48V | K = 48V |
| 4 = 115V | D = 115V | L = 115V |
| 5 = 230V | E = 230V | M = 230V |

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE O.D. | CABLE JACKET | UL | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | SHIELD |
|---|---|---|---|---|---|---|---|---|---|
| A2 | 3 | AWG 20 | 5.6mm±0.2 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| A3 | 3 | AWG 18 | 6.5mm±0.25 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| B2 | 3 | AWG 20 | 5.6mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| B3 | 3 | AWG 18 | 6.5mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| F4 | 3 | 1mm² | 7.1mm+0.2 | PVC GREY | - | - | -15°C to +70°C, 10xO.D. | -5°C to +60°C, 15xO.D. | - |
| I0 | 3 | 1mm² | 7.6mm±0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | YES |
| I2 | 3 | 0.5mm² | 5.5mm+0.3 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| I3 | 3 | 0.75mm² | 6.0mm±0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| I4 | 3 | 1mm² | 7.1mm+0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| N2 | 3 | 0.5mm² | 5.6mm±0.7 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| N3 | 3 | 0.75mm² | 6.8mm±0.8 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| N4 | 3 | 1mm² | 7.15mm±0.85 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| P1 | 3 | 0.34mm² | 5.3mm±0.2 | PUR BLACK | - | - | -25°C to +80°C, 10xO.D. | -5°C to +80°C, 15xO.D. | |
| P2 | 3 | 0.5mm² | 5.5mm+0.3 | PUR BLACK | - | - | -40°C to +90°C, 7.5xO.D. | -15°C to +90°C, 12.5xO.D. | - |
| P3 | 3 | 0.75mm² | 6.5mm±0.2 | PUR BLACK | - | - | -40°C to +90°C, 7.5xO.D. | -15°C to +90°C, 12.5xO.D. | - |
| R4 | 3 | 1mm² | 7.1mm±0.2 | TPR HF BLACK | - | - | - | - | - |
| Y3 | 3 | 0.75mm² | 6.5mm±0.2 | SILICONE RED | - | - | -60°C to +180°C, 15xO.D. | | - |

Notes:
1. Please see excel sheet 1210502000_PDP for currently configured part numbers.
2. Drawing is a replacement for: SD-121050-001

| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/08/31 12:24:53 |
|---|---|---|---|

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SYMBOLS
F = 0
E = 0
F = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

DIMENSION UNITS: mm
SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 603741
DRWN: APAWLAK01 2018/07/13
CHK'D: RSILLER 2018/08/31
APPR: RSILLER 2018/08/31
INITIAL REVISION:
DRWN: APAWLAK01 2018/07/13
APPR: RSILLER 2018/08/31

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 121050

molex

STANDARD E452 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

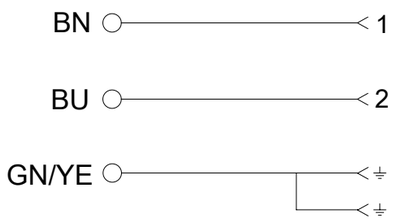
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|---|---|---|---|
| 1210502000 | PSD | 000 | A |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE 1210502000_PDP | GENERAL MARKET | 2 OF 3 |

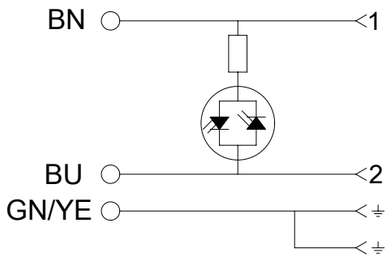
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REVISION: H
DATE: 2018/01/15

# WIRING DIAGRAMS

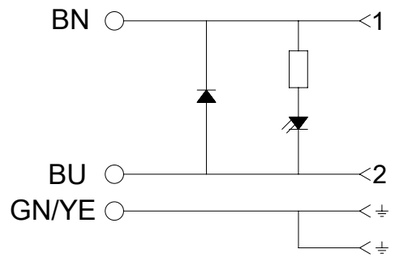
## ELECTRICAL DIAGRAM 00



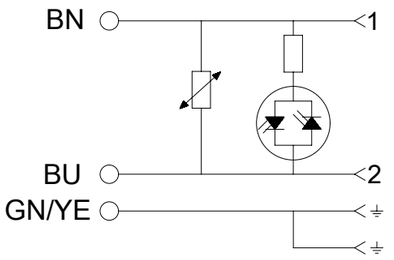

## ELECTRICAL DIAGRAM A1



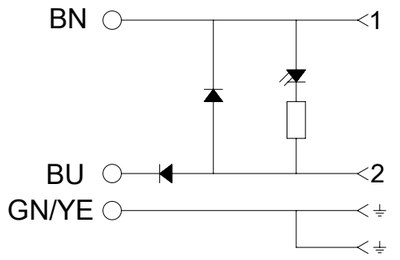

## ELECTRICAL DIAGRAM C3



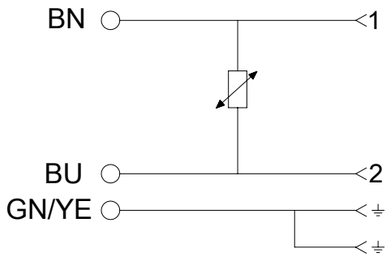

## ELECTRICAL DIAGRAM C4



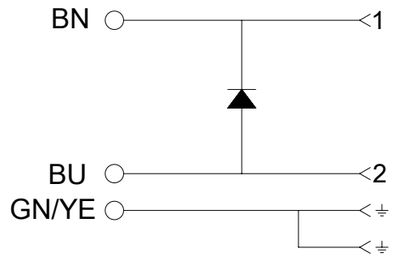

## ELECTRICAL DIAGRAM C7



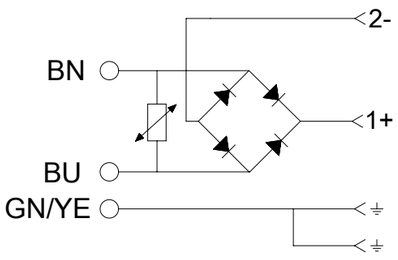

## ELECTRICAL DIAGRAM D0



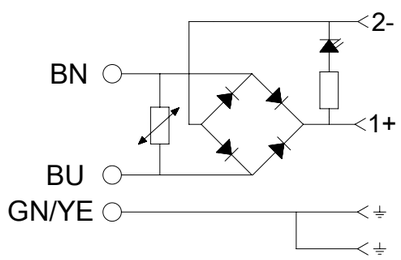

## ELECTRICAL DIAGRAM E0



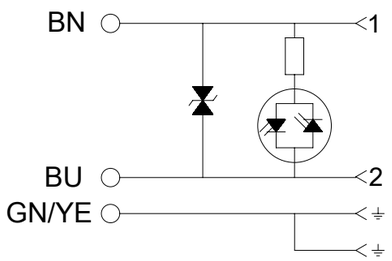

## ELECTRICAL DIAGRAM R0



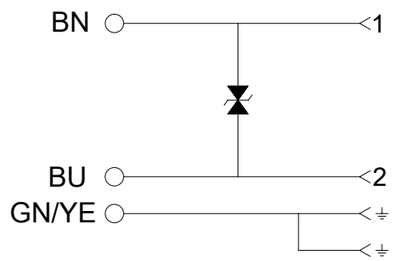

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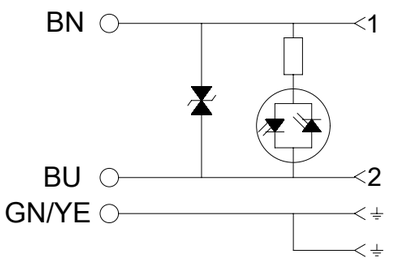

## ELECTRICAL DIAGRAM S0



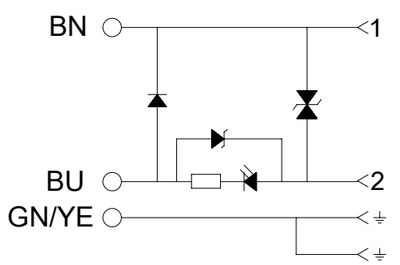

## ELECTRICAL DIAGRAM S1




## ELECTRICAL DIAGRAM S3




## ELECTRICAL DIAGRAM NS

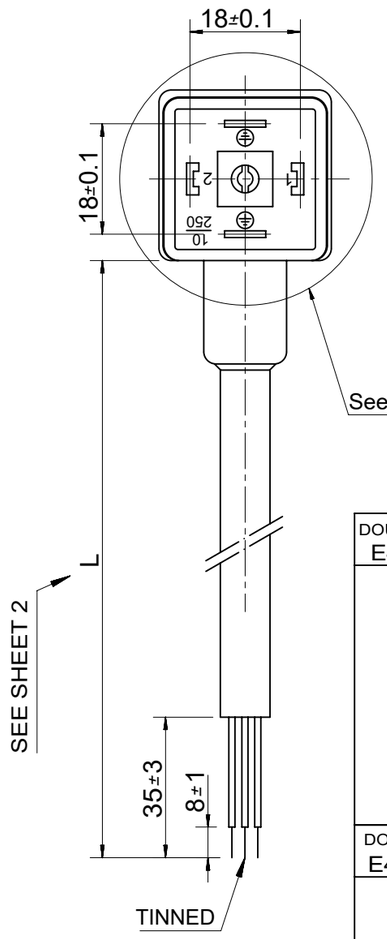


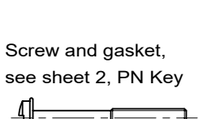

Technical Spec:
Supply Voltage: See PN KEY
Max. current: 5A; A1-C4-S0
1,5A; R2
Contact Resistance: ≤15milliohms max.
Operating Temperature:
with NBR Gasket: -40°C +90°C
with Silicone: -40°C +125°C

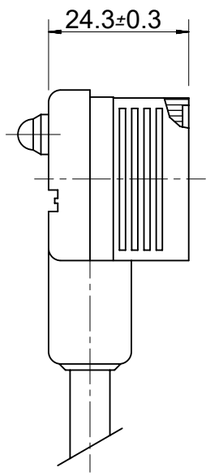
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
|---|---|---|---|---|
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| = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | STANDARD E452 DIN FORM A EN 175301-803 |
| = 0 | ANGULAR TOL ± ° | | EC NO: 603741 | |
| = 0 | 4 PLACES ± | | DRWN: APAWLAK01 2018/07/13 | PRODUCT CUSTOMER DRAWING |
| = 0 | 3 PLACES ± | | CHK'D: RSILLER 2018/08/31 | |
| = 0 | 2 PLACES ± | | APPR: RSILLER 2018/08/31 | DOCUMENT NUMBER: 1210502000 / DOC TYPE: PSD / DOC PART: 000 / REVISION: A |
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| = 0 | 0 PLACES ± | | DRWN: APAWLAK01 2018/07/13 | |
| = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: RSILLER 2018/08/31 | |
| = 0 | THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050 | MATERIAL NUMBER: SEE 1210502000_PDP / CUSTOMER: GENERAL MARKET / SHEET NUMBER: 3 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/08/31 12:24:53 |
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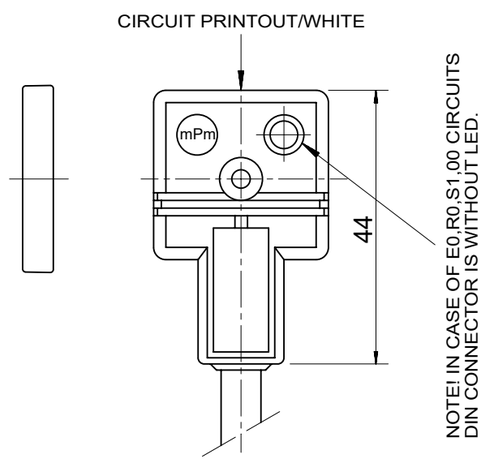
FORMAT: master_Sheet-A3
REVISION: H
DATE: 2018/01/16




Insert Orientation




| DOUBLE EARTH ON 6H & 12H | EARTH PIN ON 12H | EARTH PIN ON 6H |
|---|---|---|
| E452XXXXXX1XXXX | E452XXXXXX2XXXX | E452XXXXXX6XXXX |
| | SEE NOTE 1 | SEE NOTE 1 |
| DOUBLE EARTH ON 3H & 9H | EARTH PIN ON 3H | EARTH PIN ON 9H |
| E452XXXXXX4XXXX | E452XXXXXX3XXXX | E452XXXXXX9XXXX |
| | SEE NOTE 1 | SEE NOTE 1 |

DOUBLE EARTH ON 6H & ON 12H

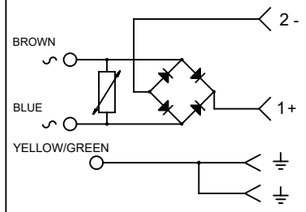
E452XXXXX1XC3X
E452XXXXX1XC7X
E452XXXXX1XR0X
E452XXXXX1XR2X

NOTE! IN CASE OF CIRCUIT
C3,C7,R0,R2 HOUSING INVERSE OF 180°.

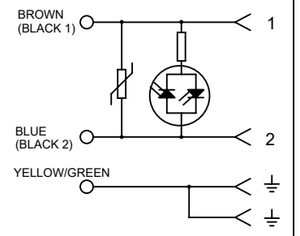
| Table of length tolerances [mm] | | |
|---|---|---|
| Over | Up to and including | Tolerance (+) |
| 0 | 1000 | ±20 |
| 1000 | 3000 | ±30 |
| 3000 | 5000 | ±40 |
| 5000 | 10000 | ±50 |
| 10000 | 15000 | ±100 |
| 15000 | 20000 | ±150 |
| 20000 | | ±L/100 |

## WIRING CONFIGURATION

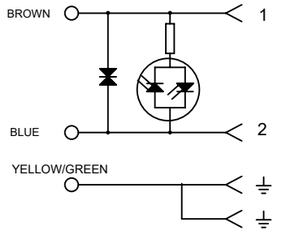
ELECTRICAL DIAGRAM R0



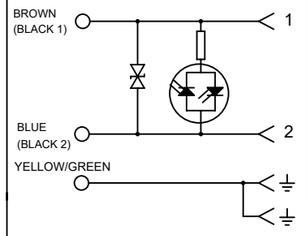

ELECTRICAL DIAGRAM C4



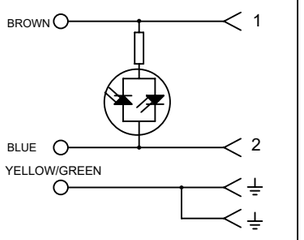

ELECTRICAL DIAGRAM S0



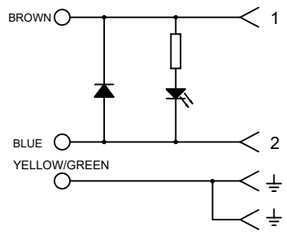

ELECTRICAL DIAGRAM S3



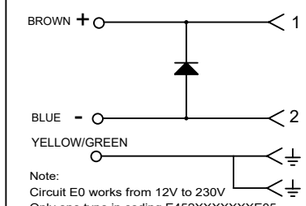

ELECTRICAL DIAGRAM A1




ELECTRICAL DIAGRAM C3

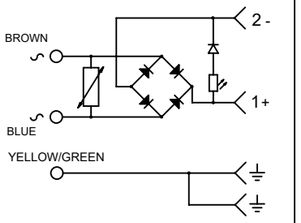



ELECTRICAL DIAGRAM E0

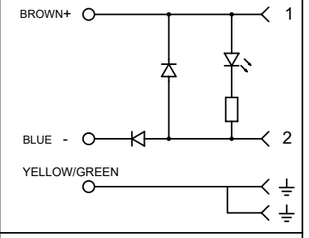



Note:
Circuit E0 works from 12V to 230V
Only one type in coding E452XXXXXXE05

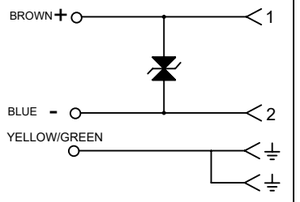
ELECTRICAL DIAGRAM R2




ELECTRICAL DIAGRAM C7

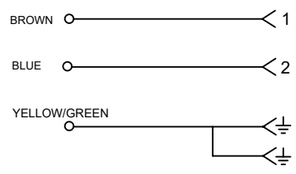



ELECTRICAL DIAGRAM S1




ELECTRICAL DIAGRAM 00

WITHOUT LED




NOTES:
1. FOR HARNESS WITH GROUND ONLY IN:
   3H,6H,9H or 12H PIN 3 IS N/C.

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

| E | 4 | 5 | 2 | X | X | X | X | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

E - Packing without bags
W - Single packing
Q - Quick packing

NUMBER OF WIRES:
1=2 WIRES
2=2 WIRES + EARTH
3=3 WIRES + EARTH

CABLE TYPE
SEE SHEET 3 - TABLE 1

CABLE CROSS SECTION AREA
SEE SHEET 3 - TABLE 2

HEAD COLOUR:
N=BLACK;
A=CSA-UL BLACK;
B=CSA-UL GREY.

CABLE LENGTH IN CM
Eg.:050=50 CM, 300=300 CM, 10K=1000 CM.

EARTH PIN LOCATION:
1=DOUBLE EARTH ON 6H AND 12H,
2=EARTH ON 12H,
6=EARTH ON 6H.

TYPE OF GASKET AND SCREW:
1=NBR PROFILE GASKET + FIXING SCREWS (M3x25 mm).
2=NBR FLAT GASKET + FIXING SCREW (M3x25 mm).
3=SILICONE PROFILE GASKET + FIXING SCREW (M3x25 mm).
4=SILICON FLAT GASKET + FIXING SCREW (M3x25 mm).
P=INTEGRATED GASKET ASSEMBLED + FIXING SCREW WITH GROMMET ASSEMBLED ON CONNECTOR (M3x27 mm).
R=INTEGRATED GASKET + FIXING SCREW + GROMMET (M3x27 mm).
T=PROFILE GASKET + FIXING SCREW + GROMMET (M3x27 mm).

INTERNAL CIRCUIT
WIRING CONFIGURATION

VOLTAGE AND LED COLOUR:

| | | |
|---|---|---|
| 1= 12V | A= 12V | G= 12V |
| 2= 24V | B= 24V | H= 24V |
| 3= 48V | C= 48V | K= 48V |
| 4= 115V | D= 115V | L= 115V |
| 5= 230V | E= 230V | M= 230V |
| RED LED | GREEN LED | YELLOW LED |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 2 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

## TABLE 2 - CABLES

| Molex PN Raw cable | Cable type | Cable code | Wires no. | Cross Section | Jacket material | Jacket color | Diameter Ø [mm] | Wire colors |
|---|---|---|---|---|---|---|---|---|
| 1210180080 | I | 0 | 3 | 1 mm² | PVC CEI 2022 II O.R. | Grey | 6.4±0.2 | BN, BU, GN/YE |
| 1210180467 | A | 2 | 2 | 20 AWG | PVC CSA/UL 2661 | Black | 5.4±0.2 | BN, BU |
| 1210180128 | A | 2 | 3 | 20 AWG | PVC CSA/UL 2661 | Black | 5.6±0.2 | BN, BU, GN/YE |
| 1210180394 | A | 2 | 4 | 20 AWG | PVC CSA/UL 2661 | Black | 6.2±0.25 | BN, BU, BK, GN/YE |
| 1210180297 | B | 2 | 2 | 20 AWG | PUR CSA/UL 20668 | Black | 5.6±0.2 | BN, BU |
| 1210180126 | B | 2 | 3 | 20 AWG | PUR CSA/UL 20668 | Black | 5.6±0.2 | BN, BU, GN/YE |
| 1210180387 | B | 2 | 4 | 20 AWG | PUR CSA/UL 20668 | Black | 6.3±0.2 | BN, BU, BK, GN/YE |
| 1210180122 | D | 2 | 3 | 0.5 mm² | PVC CEI 20-20 | Grey | 5.5±0.2 | BN, BU, GN/YE |
| 1210180047 | I | 2 | 2 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 5.5+0.3/-0 | BN, BU |
| 1210180284 | I | 2 | 3 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 5.5+0.3/-0 | BN, BU, GN/YE |
| 1210180146 | I | 2 | 4 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 6.5±0.2 | BN, BU, BK, GN/YE |
| 1210180177 | I | 2 | 5 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 7.0 +0.3/-0 | BN, BU, BK, WH, GN/YE |
| 1210180022 | N | 2 | 2 | 0.5 mm² | PVC H03VV-F | Black | 5.2±0.2 | BN, BU |
| 1202092753 | N | 2 | 3 | 0.5 mm² | PVC H03VV-F | Black | 5.5±0.2 | BN, BU, GN/YE |
| 1210180153 | N | 2 | 4 | 0.5 mm² | PVC H03VV-F | Black | 5.9±0.3 | BN, BU, BK, GN/YE |
| 1210180046 | P | 2 | 2 | 0.5 mm² | PUR - BLEND | Black | 5.5±0.2 | BN, BU |
| 1202092439 | P | 2 | 3 | 0.5 mm² | PUR - BLEND | Black | 5.5 +0.3/-0 | BN, BU, GN/YE |
| 1210180302 | P | 2 | 4 | 0.5 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU, BK, GN/YE |
| 1202092215 | P | 2 | 5 | 0.5 mm² | PUR - BLEND | Black | 7+0.3/-0.1 | BN, BU, BK, WH, GN/YE |
| 1210180409 | A | 3 | 2 | 18 AWG | PVC CSA/UL 2661 | Black | 6.2±0.25 | BN, BU |
| 1210180129 | A | 3 | 3 | 18 AWG | PVC CSA/UL 2661 | Black | 6.5±0.25 | BN, BU, GN/YE |
| 1210180159 | A | 3 | 4 | 18 AWG | PVC CSA/UL 2661 | Black | 7.0+0.3/-0 | BN, BU, BK, GN/YE |
| 1210180464 | A | 3 | 5 | 18 AWG | PVC CSA/UL 2661 | Black | 7.8±0.25 | BN, BU, BK, WH, GN/YE |
| 1210180351 | B | 3 | 2 | 18 AWG | PUR CSA/UL 20668 | Black | 6.2±0.2 | BN, BU |
| 1210180127 | B | 3 | 3 | 18 AWG | PUR CSA/UL 20668 | Black | 6.5±0.2 | BN, BU, GN/YE |
| 1210180160 | B | 3 | 4 | 18 AWG | PUR CSA/UL 20668 | Black | 7±0.2 | BN, BU, BK, GN/YE |
| 1210180463 | B | 3 | 5 | 18 AWG | PUR CSA/UL 20668 | Black | 7.8±0.25 | BN, BU, BK, WH, GN/YE |
| 1210180073 | D | 3 | 3 | 0.75 mm² | PVC CEI 20-20 | Grey | 6.5±0.2 | BN, BU, GN/YE |
| 1210180145 | D | 3 | 4 | 0.75 mm² | PVC CEI 20-20 | Grey | 7.1±0.2 | BN, BU, BK, GN/YE |
| 1202098206 | I | 3 | 2 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 5.5±0.2 | BK1, BK2 |
| 1210180120 | I | 3 | 3 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 6.0±0.2 | BK1, BK2, BK3 |
| 1210180143 | I | 3 | 4 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 7.0±0.2 | BN, BU, BK, GN/YE |
| 1210180032 | N | 3 | 2 | 0.75 mm² | PVC H05VV-F | Black | 6.2±0.2 | BN, BU |
| 1210180069 | N | 3 | 3 | 0.75 mm² | PVC H05VV-F | Black | 6.5±0.2 | BN, BU, GN/YE |
| 1210180144 | N | 3 | 4 | 0.75 mm² | PVC H05VV-F | Black | 7.1±0.2 | BN, BU, BK, GN/YE |
| 1210180174 | N | 3 | 5 | 0.75 mm² | PVC H05VV-F | Black | 8.0+0.2/-0 | BN, BU, BK, GY, GN/YE |
| 1202094190 | P | 3 | 2 | 0.75 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU |
| 1210180071 | P | 3 | 3 | 0.75 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU, GN/YE |
| 1210180152 | P | 3 | 4 | 0.75 mm² | PUR - BLEND | Black | 7.0±0.2 | BN, BU, BK, GN/YE |

## TABLE 2 - CABLES

| Molex PN Raw cable | Cable type | Cable code | Wires no. | Cross Section | Jacket material | Jacket color | Diameter Ø [mm] | Wire colors |
|---|---|---|---|---|---|---|---|---|
| 1210180384 | R | 3 | 3 | 0.75 mm² | TPR HAL. FREE | Black | 6.5±0.2 | BN, BU, GN/YE |
| 1210180094 | T | 3 | 3 | 0.75 mm² | PUR CSA/UL 20668 | Yellow | 6.5±0.2 | BN, BU, GN/YE |
| 1210180309 | Y | 3 | 3 | 0.75 mm² | SILICONE RUBBER | Red | 6.5±0.2 | BN, BU, GN/YE |
| 1210180081 | F | 4 | 3 | 1 mm² | PVC CNOMO | Grey | 7.1+0.2/-0 | BK1, BK2, GN/YE |
| 1210180042 | I | 4 | 2 | 1 mm² | PVC CEI 2022 II O.R. | Grey | 7.1+0.2/-0 | BN, BU |
| 1210180079 | I | 4 | 3 | 1 mm² | PVC CEI 2022 II O.R. | Grey | 7.1+0.2/-0 | BN, BU, GN/YE |
| 1210180036 | N | 4 | 2 | 1 mm² | PVC H05VV-F | Black | 6.5±0.2 | BN, BU |
| 1210180082 | N | 4 | 3 | 1 mm² | PVC H05VV-F | Black | 6.9±0.2 | BN, BU, GN/YE |
| 1210180117 | R | 4 | 3 | 1 mm² | TPR HAL. FREE | Black | 7.1±0.2 | BN, BU, GN/YE |
| 1210180085 | N | 5 | 3 | 1.5 mm² | PVC H05VV-F | Black | 7.9±0.2 | BN, BU, GN/YE |
| 1210180313 | I | 6 | 2 | 0.35 mm² | PVC CEI 2011 | Grey | 4.8±0.2 | BN, WH |
| 1210180149 | I | 9 | 4 | 0.75 mm² | PVC CEI 2022 II | Grey | 7.3±0.2 | BN, BU, BK, GN/YE |

## TABLE 1 - CABLES TYPE

| Code | Cable types | Features | Cable type Cross section |
|---|---|---|---|
| N | PVC | Application general purpose cable which has good resistance to water, but usually poor oil resistance. | N2=0.5 mm2<br>N3=0.75 mm2<br>N4=1 mm2 |
| I | CEI | Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils. | I2=0.5 mm2<br>I3=0.75 mm2<br>I4=1 mm2 |
| P | PUR | Offer good resistance to oil and chemicals. Can swell when constantly immersed in water. | P2=0.5 mm2<br>P3=0.75 mm2<br>P4=1 mm2 |
| A | PVC CSA-UL | Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance. | A2=20 AWG<br>A3=18 AWG |
| B | PUR CSA-UL | Approved to CSA-UL 20668, very good resistance to oil and chemicals. | B2=20 AWG<br>B3=18 AWG |

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DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

E452XXXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 3 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1 | 1210400514 | E452N3N10012000 |
| 2 | N/A | N/A |
| 3 | N/A | N/A |
| 4 | 1210400517 | E452P3N10012000 |
| 5 | N/A | N/A |
| 6 | 1210400755 | E452N3N2001P000 |
| 7 | N/A | N/A |
| 8 | N/A | N/A |
| 9 | N/A | N/A |
| 10 | N/A | N/A |
| 11 | N/A | N/A |
| 12 | N/A | N/A |
| 13 | N/A | N/A |
| 14 | 1210400901 | E452N3N13K12000 |
| 15 | N/A | N/A |
| 16 | N/A | N/A |
| 17 | N/A | N/A |
| 18 | 1210401242 | W452N3N50012000 |
| 19 | 1210401265 | W452N3N30012000 |
| 20 | N/A | N/A |
| 21 | N/A | N/A |
| 22 | 1210500295 | E452A3A10011C42 |
| 23 | 1210500297 | E452A3A30011C44 |
| 24 | 1210500298 | E452A3A30011C4H |
| 25 | N/A | N/A |
| 26 | 1210500301 | E452A3A30012C4H |
| 27 | N/A | N/A |
| 28 | 1210500311 | E452B3A30012C4H |
| 29 | 1210500312 | E452B3A30012C4L |
| 30 | 1210500313 | E452B3A50012C4H |
| 31 | N/A | N/A |
| 32 | 1210500339 | E452F4N10K11S3B |
| 33 | 1210500344 | E452F4N20011S3B |
| 34 | 1210500352 | E452F4N50011S3B |
| 35 | N/A | N/A |
| 36 | N/A | N/A |
| 37 | N/A | N/A |
| 38 | N/A | N/A |
| 39 | 1210500385 | E452I2N20011C4H |
| 40 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 41 | N/A | N/A |
| 42 | N/A | N/A |
| 43 | 1210500392 | E452I2N30011C4H |
| 44 | N/A | N/A |
| 45 | 1210500394 | E452I2N30011C4M |
| 46 | N/A | N/A |
| 47 | 1210500399 | E452I2N50011C4H |
| 48 | N/A | N/A |
| 49 | N/A | N/A |
| 50 | 1210500414 | E452I4G40011C4H |
| 51 | N/A | N/A |
| 52 | 1210500424 | E452I4N10011C42 |
| 53 | 1210500428 | E452I4N10011C4H |
| 54 | 1210500434 | E452I4N10K11C4H |
| 55 | N/A | N/A |
| 56 | 1210500443 | E452I4N15K11C4H |
| 57 | 1210500448 | E452I4N20011C3H |
| 58 | N/A | N/A |
| 59 | N/A | N/A |
| 60 | N/A | N/A |
| 61 | 1210500467 | E452I4N30011C3H |
| 62 | 1210500468 | E452I4N30011C42 |
| 63 | N/A | N/A |
| 64 | 1210500473 | E452I4N30011C4H |
| 65 | 1210500474 | E452I4N30011C4L |
| 66 | N/A | N/A |
| 67 | 1210500478 | E452I4N30011R2H |
| 68 | N/A | N/A |
| 69 | N/A | N/A |
| 70 | N/A | N/A |
| 71 | N/A | N/A |
| 72 | N/A | N/A |
| 73 | N/A | N/A |
| 74 | 1210500498 | E452I4N50011C3H |
| 75 | N/A | N/A |
| 76 | 1210500504 | E452I4N50011C4H |
| 77 | N/A | N/A |
| 78 | N/A | N/A |
| 79 | N/A | N/A |
| 80 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 81 | N/A | N/A |
| 82 | N/A | N/A |
| 83 | N/A | N/A |
| 84 | N/A | N/A |
| 85 | N/A | N/A |
| 86 | N/A | N/A |
| 87 | 1210500549 | E452N3N10011C42 |
| 88 | N/A | N/A |
| 89 | N/A | N/A |
| 90 | 1210500554 | E452N3N10011C4H |
| 91 | N/A | N/A |
| 92 | 1210500558 | E452N3N10012C4H |
| 93 | 1210500559 | E452N3N10012C4L |
| 94 | 1210500560 | E452N3N10022C4L |
| 95 | 1210500562 | E452N3N10K11C42 |
| 96 | N/A | N/A |
| 97 | N/A | N/A |
| 98 | 1210500575 | E452N3N10K12C4H |
| 99 | 1210500576 | E452N3N10K12C4L |
| 100 | 1210500582 | E452N3N15011A11 |
| 101 | 1210500583 | E452N3N15011A12 |
| 102 | N/A | N/A |
| 103 | 1210500585 | E452N3N15011C32 |
| 104 | N/A | N/A |
| 105 | N/A | N/A |
| 106 | N/A | N/A |
| 107 | N/A | N/A |
| 108 | 1210500602 | E452N3N20011A12 |
| 109 | N/A | N/A |
| 110 | N/A | N/A |
| 111 | 1210500612 | E452N3N20011C42 |
| 112 | 1210500620 | E452N3N20011C4H |
| 113 | N/A | N/A |
| 114 | 1210500624 | E452N3N20011R05 |
| 115 | N/A | N/A |
| 116 | N/A | N/A |
| 117 | N/A | N/A |
| 118 | N/A | N/A |
| 119 | N/A | N/A |
| 120 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 121 | 1210500650 | E452N3N30011C42 |
| 122 | N/A | N/A |
| 123 | N/A | N/A |
| 124 | 1210500657 | E452N3N30011C4H |
| 125 | N/A | N/A |
| 126 | 1210500659 | E452N3N30011C4M |
| 127 | N/A | N/A |
| 128 | N/A | N/A |
| 129 | 1210500673 | E452N3N30012C4H |
| 130 | 1210500674 | E452N3N30012C4L |
| 131 | N/A | N/A |
| 132 | N/A | N/A |
| 133 | N/A | N/A |
| 134 | N/A | N/A |
| 135 | N/A | N/A |
| 136 | N/A | N/A |
| 137 | 1210500696 | E452N3N50011A1B |
| 138 | 1210500702 | E452N3N50011C42 |
| 139 | 1210500703 | E452N3N50011C44 |
| 140 | 1210500705 | E452N3N50011C4B |
| 141 | 1210500707 | E452N3N50011C4D |
| 142 | 1210500708 | E452N3N50011C4E |
| 143 | 1210500709 | E452N3N50011C4H |
| 144 | N/A | N/A |
| 145 | N/A | N/A |
| 146 | N/A | N/A |
| 147 | N/A | N/A |
| 148 | 1210500715 | E452N3N50012C4H |
| 149 | 1210500716 | E452N3N50012C4L |
| 150 | N/A | N/A |
| 151 | N/A | N/A |
| 152 | 1210500735 | E452P2N07511C32 |
| 153 | 1210500737 | E452P2N10011C4H |
| 154 | 1210500739 | E452P2N10K11C4H |
| 155 | N/A | N/A |
| 156 | N/A | N/A |
| 157 | N/A | N/A |
| 158 | 1210500748 | E452P2N20011C4H |
| 159 | N/A | N/A |
| 160 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 4 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Met-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 161 | N/A | N/A |
| 162 | N/A | N/A |
| 163 | 1210500769 | E452P2N50011C4H |
| 164 | N/A | N/A |
| 165 | N/A | N/A |
| 166 | N/A | N/A |
| 167 | 1210500791 | E452P3N10012C4H |
| 168 | 1210500792 | E452P3N10012C4L |
| 169 | N/A | N/A |
| 170 | N/A | N/A |
| 171 | 1210500803 | E452P3N20011C42 |
| 172 | 1210500807 | E452P3N30011C3H |
| 173 | 1210500810 | E452P3N30011C4H |
| 174 | 1210500812 | E452P3N30011S0B |
| 175 | 1210500814 | E452P3N30011S0H |
| 176 | N/A | N/A |
| 177 | 1210500816 | E452P3N30012C4L |
| 178 | 1210500817 | E452P3N50011C3H |
| 179 | 1210500819 | E452P3N50011C4H |
| 180 | 1210500821 | E452P3N50011S02 |
| 181 | N/A | N/A |
| 182 | 1210500823 | E452P3N50011S0H |
| 183 | N/A | N/A |
| 184 | N/A | N/A |
| 185 | 1210500827 | E452P3N50012C4L |
| 186 | N/A | N/A |
| 187 | 1210501561 | E452N3N50011C4M |
| 188 | N/A | N/A |
| 189 | N/A | N/A |
| 190 | N/A | N/A |
| 191 | N/A | N/A |
| 192 | 1210501581 | E452P3N07011C4H |
| 193 | N/A | N/A |
| 194 | N/A | N/A |
| 195 | N/A | N/A |
| 196 | 1210501607 | E452N3N10013C4H |
| 197 | N/A | N/A |
| 198 | N/A | N/A |
| 199 | 1210501610 | E452P2N30011C4H |
| 200 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 201 | N/A | N/A |
| 202 | 1210501624 | E452A3A30012C4L |
| 203 | 1210501632 | E452P2N20011C42 |
| 204 | 1210501647 | E452P3N20011S02 |
| 205 | 1210501656 | E452A2A50012C4H |
| 206 | N/A | N/A |
| 207 | 1210501664 | E452P3N10011C4H |
| 208 | 1210501674 | E452A3A20011C44 |
| 209 | N/A | N/A |
| 210 | N/A | N/A |
| 211 | N/A | N/A |
| 212 | N/A | N/A |
| 213 | N/A | N/A |
| 214 | 1210501735 | E452N2N30011A12 |
| 215 | N/A | N/A |
| 216 | 1210501749 | E452A2A15011C4H |
| 217 | 1210501764 | E452N3N06011A12 |
| 218 | 1210501766 | E452N3N10011A12 |
| 219 | 1210501780 | E452A3A30011R2L |
| 220 | 1210501781 | E452B3A30011C4H |
| 221 | 1210501795 | E452I2N10K11C4H |
| 222 | N/A | N/A |
| 223 | N/A | N/A |
| 224 | N/A | N/A |
| 225 | N/A | N/A |
| 226 | N/A | N/A |
| 227 | N/A | N/A |
| 228 | N/A | N/A |
| 229 | N/A | N/A |
| 230 | 1210501878 | E452N3N1001PC4H |
| 231 | 1210501879 | E452A3A30011C4L |
| 232 | N/A | N/A |
| 233 | 1210501887 | E452A3A50011C7H |
| 234 | 1210501888 | E452A3A20011C7H |
| 235 | 1210501889 | E452P3N3001PS0H |
| 236 | 1210501890 | E452P3N5001PS0H |
| 237 | 1210501891 | E452P3N5001PC4M |
| 238 | N/A | N/A |
| 239 | N/A | N/A |
| 240 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 241 | N/A | N/A |
| 242 | 1210501941 | E452N3N3001PS0H |
| 243 | 1210501942 | E452N3N1001PS0H |
| 244 | N/A | N/A |
| 245 | 1210501962 | E452P3N3001PC4H |
| 246 | 1210501966 | E452A3A50012C3H |
| 247 | N/A | N/A |
| 248 | N/A | N/A |
| 249 | 1210501998 | E452P3N1001PC4H |
| 250 | N/A | N/A |
| 251 | N/A | N/A |
| 252 | N/A | N/A |
| 253 | N/A | N/A |
| 254 | N/A | N/A |
| 255 | N/A | N/A |
| 256 | N/A | N/A |
| 257 | N/A | N/A |
| 258 | N/A | N/A |
| 259 | N/A | N/A |
| 260 | 1210502038 | E452N3N5001PC4H |
| 261 | 1210502039 | E452N3N3001PC4H |
| 262 | N/A | N/A |
| 263 | N/A | N/A |
| 264 | N/A | N/A |
| 265 | 1210502052 | E452P3N2001PC3H |
| 266 | N/A | N/A |
| 267 | N/A | N/A |
| 268 | N/A | N/A |
| 269 | N/A | N/A |
| 270 | N/A | N/A |
| 271 | N/A | N/A |
| 272 | N/A | N/A |
| 273 | N/A | N/A |
| 274 | N/A | N/A |
| 275 | N/A | N/A |
| 276 | N/A | N/A |
| 277 | N/A | N/A |
| 278 | N/A | N/A |
| 279 | N/A | N/A |
| 280 | 1210502177 | E452N2N30011C42 |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 281 | N/A | N/A |
| 282 | 1210502180 | E452I4N10K11C3H |
| 283 | 1210502190 | E452I2N10014A1G |
| 284 | N/A | N/A |
| 285 | N/A | N/A |
| 286 | 1210502214 | E452N2N15041C4H |
| 287 | 1210502219 | E452I4N50011R2M |
| 288 | 1210502223 | E452P3N5001PC4H |
| 289 | N/A | N/A |
| 290 | 1210502233 | E452N3N5001PS0H |
| 291 | N/A | N/A |
| 292 | N/A | N/A |
| 293 | N/A | N/A |
| 294 | N/A | N/A |
| 295 | N/A | N/A |
| 296 | 1210502259 | E452A3A20011C42 |
| 297 | 1210502262 | E452N3N40011R2M |
| 298 | N/A | N/A |
| 299 | N/A | N/A |
| 300 | N/A | N/A |
| 301 | 1210502289 | E452I4N5001PC4H |
| 302 | 1210502309 | E452N3N4001PC4H |
| 303 | N/A | N/A |
| 304 | N/A | N/A |
| 305 | 1210502317 | E452N2N10011A12 |
| 306 | 1210502318 | E452N3N2001PC3H |
| 307 | N/A | N/A |
| 308 | 1210502334 | E452A3A30011C42 |
| 309 | N/A | N/A |
| 310 | 1210502341 | E452N3N10K11C4H |
| 311 | N/A | N/A |
| 312 | 1210502352 | E452N3N50012S02 |
| 313 | N/A | N/A |
| 314 | 1210502357 | E452B3A50011C4H |
| 315 | N/A | N/A |
| 316 | N/A | N/A |
| 317 | N/A | N/A |
| 318 | N/A | N/A |
| 319 | 1210502396 | E452P3N10K11C4H |
| 320 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 5 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 321 | N/A | N/A |
| 322 | 1210502413 | E452P2N50011C4M |
| 323 | N/A | N/A |
| 324 | N/A | N/A |
| 325 | 1210502417 | E452R4N2001PC4M |
| 326 | N/A | N/A |
| 327 | N/A | N/A |
| 328 | N/A | N/A |
| 329 | N/A | N/A |
| 330 | N/A | N/A |
| 331 | N/A | N/A |
| 332 | N/A | N/A |
| 333 | N/A | N/A |
| 334 | N/A | N/A |
| 335 | N/A | N/A |
| 336 | N/A | N/A |
| 337 | N/A | N/A |
| 338 | N/A | N/A |
| 339 | N/A | N/A |
| 340 | N/A | N/A |
| 341 | N/A | N/A |
| 342 | N/A | N/A |
| 343 | N/A | N/A |
| 344 | N/A | N/A |
| 345 | 1210502520 | E452N3N2001PS02 |
| 346 | N/A | N/A |
| 347 | N/A | N/A |
| 348 | 1210502524 | E452P2N20011C3B |
| 349 | N/A | N/A |
| 350 | N/A | N/A |
| 351 | N/A | N/A |
| 352 | N/A | N/A |
| 353 | N/A | N/A |
| 354 | N/A | N/A |
| 355 | N/A | N/A |
| 356 | 1210502543 | E452P2N50011C4G |
| 357 | N/A | N/A |
| 358 | N/A | N/A |
| 359 | N/A | N/A |
| 360 | 1210502554 | E452N3N5001PS02 |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 361 | N/A | N/A |
| 362 | N/A | N/A |
| 363 | N/A | N/A |
| 364 | N/A | N/A |
| 365 | N/A | N/A |
| 366 | 1210502568 | E452B2B10011A12 |
| 367 | N/A | N/A |
| 368 | N/A | N/A |
| 369 | N/A | N/A |
| 370 | N/A | N/A |
| 371 | N/A | N/A |
| 372 | N/A | N/A |
| 373 | 1210502584 | E452N3N03011A12 |
| 374 | 1210502585 | E452P3N5001PC4L |
| 375 | N/A | N/A |
| 376 | N/A | N/A |
| 377 | N/A | N/A |
| 378 | 1210502596 | E452P3N20012C4H |
| 379 | N/A | N/A |
| 380 | N/A | N/A |
| 381 | N/A | N/A |
| 382 | 1210502606 | E452N3N2001PA1H |
| 383 | N/A | N/A |
| 384 | N/A | N/A |
| 385 | N/A | N/A |
| 386 | 1210502619 | E452B3A3001PA1H |
| 387 | 1210502620 | E452B3A3001PA1L |
| 388 | 1210502621 | E452B3A3001PA1M |
| 389 | N/A | N/A |
| 390 | N/A | N/A |
| 391 | N/A | N/A |
| 392 | N/A | N/A |
| 393 | 1210502634 | E452I4N3001PR2M |
| 394 | N/A | N/A |
| 395 | 1210502638 | E452N3N25041C42 |
| 396 | N/A | N/A |
| 397 | N/A | N/A |
| 398 | N/A | N/A |
| 399 | N/A | N/A |
| 400 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 401 | N/A | N/A |
| 402 | N/A | N/A |
| 403 | 1210502650 | E452A3A10K1RS0H |
| 404 | N/A | N/A |
| 405 | N/A | N/A |
| 406 | N/A | N/A |
| 407 | 1210502662 | E452P3N10K1PC4H |
| 408 | N/A | N/A |
| 409 | N/A | N/A |
| 410 | N/A | N/A |
| 411 | N/A | N/A |
| 412 | 1210502676 | E452I2N20012S12 |
| 413 | 1210502678 | E452A3A3001RC42 |
| 414 | N/A | N/A |
| 415 | N/A | N/A |
| 416 | N/A | N/A |
| 417 | N/A | N/A |
| 418 | N/A | N/A |
| 419 | N/A | N/A |
| 420 | N/A | N/A |
| 421 | N/A | N/A |
| 422 | N/A | N/A |
| 423 | N/A | N/A |
| 424 | N/A | N/A |
| 425 | N/A | N/A |
| 426 | N/A | N/A |
| 427 | N/A | N/A |
| 428 | N/A | N/A |
| 429 | N/A | N/A |
| 430 | N/A | N/A |
| 431 | N/A | N/A |
| 432 | N/A | N/A |
| 433 | N/A | N/A |
| 434 | N/A | N/A |
| 435 | N/A | N/A |
| 436 | 1210502861 | W452A3A10K1RS0H |
| 437 | N/A | N/A |
| 438 | 1210502863 | W452N3N3001RC4B |
| 439 | N/A | N/A |
| 440 | 1210502865 | W452N3N2001RC4B |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 441 | N/A | N/A |
| 442 | 1210502867 | W452A3A5001RS0H |
| 443 | N/A | N/A |
| 444 | N/A | N/A |
| 445 | N/A | N/A |
| 446 | 1210502871 | W452N3N5001RC4B |
| 447 | N/A | N/A |
| 448 | N/A | N/A |
| 449 | 1210502875 | W452N3N2001RA1E |
| 450 | N/A | N/A |
| 451 | 1210502877 | W452N3N2001RC3A |
| 452 | N/A | N/A |
| 453 | N/A | N/A |
| 454 | 1210502892 | W452N3N2001RC4E |
| 455 | 1210502893 | W452N3N5001RC3B |
| 456 | N/A | N/A |
| 457 | N/A | N/A |
| 458 | N/A | N/A |
| 459 | N/A | N/A |
| 460 | N/A | N/A |
| 461 | N/A | N/A |
| 462 | N/A | N/A |
| 463 | N/A | N/A |
| 464 | N/A | N/A |
| 465 | N/A | N/A |
| 466 | N/A | N/A |
| 467 | N/A | N/A |
| 468 | N/A | N/A |
| 469 | N/A | N/A |
| 470 | N/A | N/A |
| 471 | N/A | N/A |
| 472 | N/A | N/A |
| 473 | 1210502958 | W452N3N2001RC3B |
| 474 | N/A | N/A |
| 475 | N/A | N/A |
| 476 | N/A | N/A |
| 477 | N/A | N/A |
| 478 | N/A | N/A |
| 479 | N/A | N/A |
| 480 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 6 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 481 | 1210502984 | E452A3A10K11C7H |
| 482 | N/A | N/A |
| 483 | 1210502987 | E452R4N3001PR2E |
| 484 | N/A | N/A |
| 485 | N/A | N/A |
| 486 | N/A | N/A |
| 487 | N/A | N/A |
| 488 | 1210502997 | E452N3N50041C42 |
| 489 | N/A | N/A |
| 490 | N/A | N/A |
| 491 | N/A | N/A |
| 492 | N/A | N/A |
| 493 | N/A | N/A |
| 494 | 1210503013 | E452I2N10011C42 |
| 495 | N/A | N/A |
| 496 | N/A | N/A |
| 497 | N/A | N/A |
| 498 | 1210503020 | W452A3A15K1RS0H |
| 499 | N/A | N/A |
| 500 | N/A | N/A |
| 501 | N/A | N/A |
| 502 | N/A | N/A |
| 503 | N/A | N/A |
| 504 | N/A | N/A |
| 505 | N/A | N/A |
| 506 | N/A | N/A |
| 507 | N/A | N/A |
| 508 | N/A | N/A |
| 509 | N/A | N/A |
| 510 | N/A | N/A |
| 511 | N/A | N/A |
| 512 | N/A | N/A |
| 513 | 1210503056 | E452B3A10K1PR2D |
| 514 | N/A | N/A |
| 515 | N/A | N/A |
| 516 | N/A | N/A |
| 517 | N/A | N/A |
| 518 | N/A | N/A |
| 519 | 1210503112 | E452I0N30011C4H |
| 520 | 1210503113 | E452N3N5001RC4B |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 521 | 1210503119 | E452I4N80011C7H |
| 522 | N/A | N/A |
| 523 | N/A | N/A |
| 524 | N/A | N/A |
| 525 | N/A | N/A |
| 526 | N/A | N/A |
| 527 | N/A | N/A |
| 528 | N/A | N/A |
| 529 | N/A | N/A |
| 530 | 1210503140 | E452B3A30011S0H |
| 531 | N/A | N/A |
| 532 | N/A | N/A |
| 533 | N/A | N/A |
| 534 | 1210503195 | E452P3N1501PA1H |
| 535 | N/A | N/A |
| 536 | 1210503200 | E452P2N20011A12 |
| 537 | N/A | N/A |
| 538 | N/A | N/A |
| 539 | N/A | N/A |
| 540 | N/A | N/A |
| 541 | 1210503213 | W452N3N50012C4H |
| 542 | N/A | N/A |
| 543 | N/A | N/A |
| 544 | 1210503216 | W452P3N30012C4H |
| 545 | N/A | N/A |
| 546 | 1210503219 | E452I4N30011A1G |
| 547 | N/A | N/A |
| 548 | N/A | N/A |
| 549 | N/A | N/A |
| 550 | N/A | N/A |
| 551 | 1210503231 | E452N3N1001PC4M |
| 552 | 1210503233 | W452N3N30012C4L |
| 553 | 1210503234 | W452P3N50012C4H |
| 554 | 1210503237 | E452P3N5001PC3H |
| 555 | 1210503238 | E452P3N3001PC3H |
| 556 | N/A | N/A |
| 557 | N/A | N/A |
| 558 | N/A | N/A |
| 559 | N/A | N/A |
| 560 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 561 | N/A | N/A |
| 562 | N/A | N/A |
| 563 | 1210503261 | E452N3N3001PC4M |
| 564 | N/A | N/A |
| 565 | N/A | N/A |
| 566 | N/A | N/A |
| 567 | N/A | N/A |
| 568 | N/A | N/A |
| 569 | N/A | N/A |
| 570 | N/A | N/A |
| 571 | 1210503270 | W452N3N50012C4L |
| 572 | 1210503274 | E452N2N10K11C42 |
| 573 | N/A | N/A |
| 574 | N/A | N/A |
| 575 | N/A | N/A |
| 576 | 1210503286 | E452P3N3001PC4M |
| 577 | 1210503287 | E452P3N3001PC4L |
| 578 | N/A | N/A |
| 579 | 1210503330 | E452I4N5001PC3H |
| 580 | N/A | N/A |
| 581 | N/A | N/A |
| 582 | 1210503339 | E452P3N1001PC4M |
| 583 | N/A | N/A |
| 584 | N/A | N/A |
| 585 | N/A | N/A |
| 586 | N/A | N/A |
| 587 | N/A | N/A |
| 588 | 1210503357 | E452N3N60011C4H |
| 589 | N/A | N/A |
| 590 | N/A | N/A |
| 591 | N/A | N/A |
| 592 | N/A | N/A |
| 593 | N/A | N/A |
| 594 | 1210503364 | E452N3N5001PC42 |
| 595 | N/A | N/A |
| 596 | N/A | N/A |
| 597 | N/A | N/A |
| 598 | 1210503411 | E452P3N1501PC4H |
| 599 | N/A | N/A |
| 600 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 601 | N/A | N/A |
| 602 | N/A | N/A |
| 603 | N/A | N/A |
| 604 | N/A | N/A |
| 605 | N/A | N/A |
| 606 | N/A | N/A |
| 607 | N/A | N/A |
| 608 | N/A | N/A |
| 609 | N/A | N/A |
| 610 | 1210503463 | E452N3N05011C41 |
| 611 | N/A | N/A |
| 612 | N/A | N/A |
| 613 | N/A | N/A |
| 614 | N/A | N/A |
| 615 | N/A | N/A |
| 616 | 1210503491 | E452A3A30011C7H |
| 617 | N/A | N/A |
| 618 | 1210503498 | E452B2A3001PC4H |
| 619 | N/A | N/A |
| 620 | N/A | N/A |
| 621 | 1210503507 | E452B2A3001PC4L |
| 622 | N/A | N/A |
| 623 | N/A | N/A |
| 624 | N/A | N/A |
| 625 | 1210503512 | E452N3N10K1PC4H |
| 626 | 1210503517 | E452N2N1501PS0H |
| 627 | N/A | N/A |
| 628 | N/A | N/A |
| 629 | N/A | N/A |
| 630 | N/A | N/A |
| 631 | N/A | N/A |
| 632 | N/A | N/A |
| 633 | N/A | N/A |
| 634 | N/A | N/A |
| 635 | N/A | N/A |
| 636 | N/A | N/A |
| 637 | N/A | N/A |
| 638 | N/A | N/A |
| 639 | N/A | N/A |
| 640 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 7 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1121 | N/A | N/A |
| 1122 | N/A | N/A |
| 1123 | N/A | N/A |
| 1124 | N/A | N/A |
| 1125 | 2210501520 | E452A2A50011C4H |
| 1126 | N/A | N/A |
| 1127 | N/A | N/A |
| 1128 | N/A | N/A |
| 1129 | N/A | N/A |
| 1130 | N/A | N/A |
| 1131 | N/A | N/A |
| 1132 | N/A | N/A |
| 1133 | N/A | N/A |
| 1134 | N/A | N/A |
| 1135 | N/A | N/A |
| 1136 | N/A | N/A |
| 1137 | N/A | N/A |
| 1138 | N/A | N/A |
| 1139 | N/A | N/A |
| 1140 | N/A | N/A |
| 1141 | N/A | N/A |
| 1142 | N/A | N/A |
| 1143 | N/A | N/A |
| 1144 | N/A | N/A |
| 1145 | N/A | N/A |
| 1146 | N/A | N/A |
| 1147 | N/A | N/A |
| 1148 | N/A | N/A |
| 1149 | N/A | N/A |
| 1150 | N/A | N/A |
| 1151 | N/A | N/A |
| 1152 | N/A | N/A |
| 1153 | N/A | N/A |
| 1154 | N/A | N/A |
| 1155 | N/A | N/A |
| 1156 | N/A | N/A |
| 1157 | N/A | N/A |
| 1158 | N/A | N/A |
| 1159 | N/A | N/A |
| 1160 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 8 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1161 | N/A | N/A |
| 1162 | N/A | N/A |
| 1163 | N/A | N/A |
| 1164 | N/A | N/A |
| 1165 | N/A | N/A |
| 1166 | N/A | N/A |
| 1167 | N/A | N/A |
| 1168 | N/A | N/A |
| 1169 | N/A | N/A |
| 1170 | N/A | N/A |
| 1171 | N/A | N/A |
| 1172 | N/A | N/A |
| 1173 | N/A | N/A |
| 1174 | N/A | N/A |
| 1175 | N/A | N/A |
| 1176 | N/A | N/A |
| 1177 | N/A | N/A |
| 1178 | N/A | N/A |
| 1179 | N/A | N/A |
| 1180 | N/A | N/A |
| 1181 | N/A | N/A |
| 1182 | N/A | N/A |
| 1183 | N/A | N/A |
| 1184 | N/A | N/A |
| 1185 | N/A | N/A |
| 1186 | N/A | N/A |
| 1187 | N/A | N/A |
| 1188 | N/A | N/A |
| 1189 | N/A | N/A |
| 1190 | N/A | N/A |
| 1191 | 2210501600 | E452A3A10011C32 |
| 1192 | N/A | N/A |
| 1193 | N/A | N/A |
| 1194 | N/A | N/A |
| 1195 | N/A | N/A |
| 1196 | N/A | N/A |
| 1197 | N/A | N/A |
| 1198 | N/A | N/A |
| 1199 | N/A | N/A |
| 1200 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1281 | N/A | N/A |
| 1282 | N/A | N/A |
| 1283 | N/A | N/A |
| 1284 | N/A | N/A |
| 1285 | N/A | N/A |
| 1286 | N/A | N/A |
| 1287 | N/A | N/A |
| 1288 | N/A | N/A |
| 1289 | N/A | N/A |
| 1290 | N/A | N/A |
| 1291 | N/A | N/A |
| 1292 | N/A | N/A |
| 1293 | N/A | N/A |
| 1294 | N/A | N/A |
| 1295 | N/A | N/A |
| 1296 | N/A | N/A |
| 1297 | N/A | N/A |
| 1298 | N/A | N/A |
| 1299 | N/A | N/A |
| 1300 | N/A | N/A |
| 1301 | N/A | N/A |
| 1302 | N/A | N/A |
| 1303 | N/A | N/A |
| 1304 | N/A | N/A |
| 1305 | N/A | N/A |
| 1306 | N/A | N/A |
| 1307 | 2210501730 | E452A3A10K11C4H |
| 1308 | N/A | N/A |
| 1309 | 2210501732 | E452A3A10K11C4L |
| 1310 | N/A | N/A |
| 1311 | N/A | N/A |
| 1312 | N/A | N/A |
| 1313 | N/A | N/A |
| 1314 | N/A | N/A |
| 1315 | N/A | N/A |
| 1316 | N/A | N/A |
| 1317 | N/A | N/A |
| 1318 | N/A | N/A |
| 1319 | N/A | N/A |
| 1320 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028

| | | |
|---|---|---|
| DRWN: | SANATK1 | 2025/05/06 |
| CHK'D: | GGA | 2025/06/30 |
| APPR: | GGA | 2025/06/30 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | JMARSZALEK | 2012/08/27 |
| APPR: | MDYSZEWSKA | 2012/08/20 |

FIRST ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 121050

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 9 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Met-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1481 | N/A | N/A |
| 1482 | N/A | N/A |
| 1483 | N/A | N/A |
| 1484 | N/A | N/A |
| 1485 | 2210501936 | E452A3A20011C4H |
| 1486 | N/A | N/A |
| 1487 | N/A | N/A |
| 1488 | N/A | N/A |
| 1489 | N/A | N/A |
| 1490 | N/A | N/A |
| 1491 | N/A | N/A |
| 1492 | N/A | N/A |
| 1493 | N/A | N/A |
| 1494 | N/A | N/A |
| 1495 | N/A | N/A |
| 1496 | N/A | N/A |
| 1497 | N/A | N/A |
| 1498 | N/A | N/A |
| 1499 | N/A | N/A |
| 1500 | N/A | N/A |
| 1501 | N/A | N/A |
| 1502 | N/A | N/A |
| 1503 | N/A | N/A |
| 1504 | N/A | N/A |
| 1505 | N/A | N/A |
| 1506 | N/A | N/A |
| 1507 | N/A | N/A |
| 1508 | N/A | N/A |
| 1509 | N/A | N/A |
| 1510 | N/A | N/A |
| 1511 | N/A | N/A |
| 1512 | N/A | N/A |
| 1513 | N/A | N/A |
| 1514 | N/A | N/A |
| 1515 | N/A | N/A |
| 1516 | N/A | N/A |
| 1517 | N/A | N/A |
| 1518 | N/A | N/A |
| 1519 | N/A | N/A |
| 1520 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1521 | N/A | N/A |
| 1522 | N/A | N/A |
| 1523 | N/A | N/A |
| 1524 | N/A | N/A |
| 1525 | N/A | N/A |
| 1526 | N/A | N/A |
| 1527 | N/A | N/A |
| 1528 | N/A | N/A |
| 1529 | N/A | N/A |
| 1530 | N/A | N/A |
| 1531 | N/A | N/A |
| 1532 | N/A | N/A |
| 1533 | N/A | N/A |
| 1534 | N/A | N/A |
| 1535 | N/A | N/A |
| 1536 | N/A | N/A |
| 1537 | N/A | N/A |
| 1538 | N/A | N/A |
| 1539 | N/A | N/A |
| 1540 | N/A | N/A |
| 1541 | N/A | N/A |
| 1542 | N/A | N/A |
| 1543 | N/A | N/A |
| 1544 | N/A | N/A |
| 1545 | 2210502010 | E452A3A30011A1E |
| 1546 | N/A | N/A |
| 1547 | N/A | N/A |
| 1548 | N/A | N/A |
| 1549 | N/A | N/A |
| 1550 | N/A | N/A |
| 1551 | N/A | N/A |
| 1552 | N/A | N/A |
| 1553 | N/A | N/A |
| 1554 | N/A | N/A |
| 1555 | N/A | N/A |
| 1556 | N/A | N/A |
| 1557 | N/A | N/A |
| 1558 | N/A | N/A |
| 1559 | N/A | N/A |
| 1560 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1601 | N/A | N/A |
| 1602 | N/A | N/A |
| 1603 | N/A | N/A |
| 1604 | N/A | N/A |
| 1605 | N/A | N/A |
| 1606 | N/A | N/A |
| 1607 | N/A | N/A |
| 1608 | N/A | N/A |
| 1609 | N/A | N/A |
| 1610 | N/A | N/A |
| 1611 | N/A | N/A |
| 1612 | N/A | N/A |
| 1613 | N/A | N/A |
| 1614 | N/A | N/A |
| 1615 | N/A | N/A |
| 1616 | N/A | N/A |
| 1617 | N/A | N/A |
| 1618 | N/A | N/A |
| 1619 | N/A | N/A |
| 1620 | N/A | N/A |
| 1621 | N/A | N/A |
| 1622 | N/A | N/A |
| 1623 | N/A | N/A |
| 1624 | N/A | N/A |
| 1625 | N/A | N/A |
| 1626 | N/A | N/A |
| 1627 | N/A | N/A |
| 1628 | N/A | N/A |
| 1629 | N/A | N/A |
| 1630 | N/A | N/A |
| 1631 | N/A | N/A |
| 1632 | N/A | N/A |
| 1633 | N/A | N/A |
| 1634 | N/A | N/A |
| 1635 | N/A | N/A |
| 1636 | N/A | N/A |
| 1637 | N/A | N/A |
| 1638 | 2210502117 | E452A3A50011C32 |
| 1639 | N/A | N/A |
| 1640 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 10 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 1641 | N/A | N/A |
| 1642 | N/A | N/A |
| 1643 | N/A | N/A |
| 1644 | N/A | N/A |
| 1645 | N/A | N/A |
| 1646 | N/A | N/A |
| 1647 | N/A | N/A |
| 1648 | N/A | N/A |
| 1649 | N/A | N/A |
| 1650 | N/A | N/A |
| 1651 | N/A | N/A |
| 1652 | N/A | N/A |
| 1653 | N/A | N/A |
| 1654 | N/A | N/A |
| 1655 | N/A | N/A |
| 1656 | N/A | N/A |
| 1657 | N/A | N/A |
| 1658 | N/A | N/A |
| 1659 | N/A | N/A |
| 1660 | N/A | N/A |
| 1661 | N/A | N/A |
| 1662 | 2210502141 | E452A3A50011C4H |
| 1663 | N/A | N/A |
| 1664 | 2210502143 | E452A3A50011C4L |
| 1665 | 2210502144 | E452A3A50011C4M |
| 1666 | N/A | N/A |
| 1667 | N/A | N/A |
| 1668 | N/A | N/A |
| 1669 | N/A | N/A |
| 1670 | N/A | N/A |
| 1671 | N/A | N/A |
| 1672 | N/A | N/A |
| 1673 | N/A | N/A |
| 1674 | N/A | N/A |
| 1675 | N/A | N/A |
| 1676 | N/A | N/A |
| 1677 | N/A | N/A |
| 1678 | N/A | N/A |
| 1679 | N/A | N/A |
| 1680 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 11 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2041 | N/A | N/A |
| 2042 | N/A | N/A |
| 2043 | N/A | N/A |
| 2044 | N/A | N/A |
| 2045 | N/A | N/A |
| 2046 | N/A | N/A |
| 2047 | N/A | N/A |
| 2048 | N/A | N/A |
| 2049 | N/A | N/A |
| 2050 | N/A | N/A |
| 2051 | N/A | N/A |
| 2052 | N/A | N/A |
| 2053 | N/A | N/A |
| 2054 | N/A | N/A |
| 2055 | N/A | N/A |
| 2056 | N/A | N/A |
| 2057 | N/A | N/A |
| 2058 | N/A | N/A |
| 2059 | N/A | N/A |
| 2060 | N/A | N/A |
| 2061 | N/A | N/A |
| 2062 | N/A | N/A |
| 2063 | N/A | N/A |
| 2064 | N/A | N/A |
| 2065 | N/A | N/A |
| 2066 | N/A | N/A |
| 2067 | N/A | N/A |
| 2068 | N/A | N/A |
| 2069 | N/A | N/A |
| 2070 | N/A | N/A |
| 2071 | N/A | N/A |
| 2072 | N/A | N/A |
| 2073 | N/A | N/A |
| 2074 | N/A | N/A |
| 2075 | N/A | N/A |
| 2076 | N/A | N/A |
| 2077 | N/A | N/A |
| 2078 | N/A | N/A |
| 2079 | N/A | N/A |
| 2080 | 2210502629 | E452B2A30011A12 |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2081 | N/A | N/A |
| 2082 | N/A | N/A |
| 2083 | N/A | N/A |
| 2084 | N/A | N/A |
| 2085 | N/A | N/A |
| 2086 | N/A | N/A |
| 2087 | N/A | N/A |
| 2088 | N/A | N/A |
| 2089 | N/A | N/A |
| 2090 | N/A | N/A |
| 2091 | N/A | N/A |
| 2092 | N/A | N/A |
| 2093 | N/A | N/A |
| 2094 | N/A | N/A |
| 2095 | N/A | N/A |
| 2096 | N/A | N/A |
| 2097 | N/A | N/A |
| 2098 | N/A | N/A |
| 2099 | N/A | N/A |
| 2100 | N/A | N/A |
| 2101 | N/A | N/A |
| 2102 | N/A | N/A |
| 2103 | N/A | N/A |
| 2104 | N/A | N/A |
| 2105 | N/A | N/A |
| 2106 | N/A | N/A |
| 2107 | N/A | N/A |
| 2108 | N/A | N/A |
| 2109 | 2210502658 | E452B2A30011C42 |
| 2110 | N/A | N/A |
| 2111 | N/A | N/A |
| 2112 | N/A | N/A |
| 2113 | N/A | N/A |
| 2114 | N/A | N/A |
| 2115 | N/A | N/A |
| 2116 | N/A | N/A |
| 2117 | N/A | N/A |
| 2118 | N/A | N/A |
| 2119 | N/A | N/A |
| 2120 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 12 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2321 | N/A | N/A |
| 2322 | N/A | N/A |
| 2323 | N/A | N/A |
| 2324 | N/A | N/A |
| 2325 | N/A | N/A |
| 2326 | N/A | N/A |
| 2327 | N/A | N/A |
| 2328 | N/A | N/A |
| 2329 | N/A | N/A |
| 2330 | N/A | N/A |
| 2331 | N/A | N/A |
| 2332 | N/A | N/A |
| 2333 | N/A | N/A |
| 2334 | N/A | N/A |
| 2335 | N/A | N/A |
| 2336 | N/A | N/A |
| 2337 | N/A | N/A |
| 2338 | N/A | N/A |
| 2339 | N/A | N/A |
| 2340 | N/A | N/A |
| 2341 | N/A | N/A |
| 2342 | N/A | N/A |
| 2343 | N/A | N/A |
| 2344 | N/A | N/A |
| 2345 | N/A | N/A |
| 2346 | N/A | N/A |
| 2347 | N/A | N/A |
| 2348 | 2210502939 | E452B3A10011S0H |
| 2349 | N/A | N/A |
| 2350 | N/A | N/A |
| 2351 | N/A | N/A |
| 2352 | N/A | N/A |
| 2353 | N/A | N/A |
| 2354 | N/A | N/A |
| 2355 | N/A | N/A |
| 2356 | N/A | N/A |
| 2357 | N/A | N/A |
| 2358 | N/A | N/A |
| 2359 | N/A | N/A |
| 2360 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 13 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2481 | N/A | N/A |
| 2482 | N/A | N/A |
| 2483 | N/A | N/A |
| 2484 | N/A | N/A |
| 2485 | N/A | N/A |
| 2486 | N/A | N/A |
| 2487 | 2210503091 | E452B3A15011C4H |
| 2488 | N/A | N/A |
| 2489 | N/A | N/A |
| 2490 | N/A | N/A |
| 2491 | N/A | N/A |
| 2492 | N/A | N/A |
| 2493 | N/A | N/A |
| 2494 | N/A | N/A |
| 2495 | N/A | N/A |
| 2496 | N/A | N/A |
| 2497 | N/A | N/A |
| 2498 | N/A | N/A |
| 2499 | N/A | N/A |
| 2500 | N/A | N/A |
| 2501 | N/A | N/A |
| 2502 | N/A | N/A |
| 2503 | N/A | N/A |
| 2504 | N/A | N/A |
| 2505 | N/A | N/A |
| 2506 | N/A | N/A |
| 2507 | N/A | N/A |
| 2508 | N/A | N/A |
| 2509 | N/A | N/A |
| 2510 | N/A | N/A |
| 2511 | N/A | N/A |
| 2512 | N/A | N/A |
| 2513 | N/A | N/A |
| 2514 | N/A | N/A |
| 2515 | N/A | N/A |
| 2516 | N/A | N/A |
| 2517 | N/A | N/A |
| 2518 | N/A | N/A |
| 2519 | N/A | N/A |
| 2520 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2561 | N/A | N/A |
| 2562 | N/A | N/A |
| 2563 | N/A | N/A |
| 2564 | N/A | N/A |
| 2565 | N/A | N/A |
| 2566 | N/A | N/A |
| 2567 | N/A | N/A |
| 2568 | N/A | N/A |
| 2569 | N/A | N/A |
| 2570 | N/A | N/A |
| 2571 | N/A | N/A |
| 2572 | 2210503189 | E452B3A20011C44 |
| 2573 | N/A | N/A |
| 2574 | N/A | N/A |
| 2575 | N/A | N/A |
| 2576 | N/A | N/A |
| 2577 | N/A | N/A |
| 2578 | 2210503197 | E452B3A20011C4H |
| 2579 | N/A | N/A |
| 2580 | N/A | N/A |
| 2581 | N/A | N/A |
| 2582 | N/A | N/A |
| 2583 | N/A | N/A |
| 2584 | N/A | N/A |
| 2585 | N/A | N/A |
| 2586 | N/A | N/A |
| 2587 | N/A | N/A |
| 2588 | N/A | N/A |
| 2589 | N/A | N/A |
| 2590 | N/A | N/A |
| 2591 | N/A | N/A |
| 2592 | N/A | N/A |
| 2593 | N/A | N/A |
| 2594 | N/A | N/A |
| 2595 | N/A | N/A |
| 2596 | N/A | N/A |
| 2597 | N/A | N/A |
| 2598 | N/A | N/A |
| 2599 | N/A | N/A |
| 2600 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 14 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Met-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2601 | N/A | N/A |
| 2602 | N/A | N/A |
| 2603 | N/A | N/A |
| 2604 | N/A | N/A |
| 2605 | N/A | N/A |
| 2606 | N/A | N/A |
| 2607 | N/A | N/A |
| 2608 | N/A | N/A |
| 2609 | N/A | N/A |
| 2610 | N/A | N/A |
| 2611 | N/A | N/A |
| 2612 | N/A | N/A |
| 2613 | N/A | N/A |
| 2614 | N/A | N/A |
| 2615 | N/A | N/A |
| 2616 | N/A | N/A |
| 2617 | N/A | N/A |
| 2618 | N/A | N/A |
| 2619 | N/A | N/A |
| 2620 | N/A | N/A |
| 2621 | N/A | N/A |
| 2622 | N/A | N/A |
| 2623 | N/A | N/A |
| 2624 | N/A | N/A |
| 2625 | N/A | N/A |
| 2626 | 2210503259 | E452B3A20011S0L |
| 2627 | N/A | N/A |
| 2628 | N/A | N/A |
| 2629 | N/A | N/A |
| 2630 | N/A | N/A |
| 2631 | N/A | N/A |
| 2632 | N/A | N/A |
| 2633 | N/A | N/A |
| 2634 | N/A | N/A |
| 2635 | N/A | N/A |
| 2636 | N/A | N/A |
| 2637 | N/A | N/A |
| 2638 | N/A | N/A |
| 2639 | N/A | N/A |
| 2640 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

| | | |
|---|---|---|
| EC NO: | 826028 | |
| DRWN: | SANATK1 | 2025/05/06 |
| CHK'D: | GGA | 2025/06/30 |
| APPR: | GGA | 2025/06/30 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | JMARSZALEK | 2012/08/27 |
| APPR: | MDYSZEWSKA | 2012/08/20 |

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 15 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 2801 | N/A | N/A |
| 2802 | N/A | N/A |
| 2803 | N/A | N/A |
| 2804 | N/A | N/A |
| 2805 | 2210503466 | E452B3A50011S0H |
| 2806 | N/A | N/A |
| 2807 | N/A | N/A |
| 2808 | N/A | N/A |
| 2809 | N/A | N/A |
| 2810 | N/A | N/A |
| 2811 | N/A | N/A |
| 2812 | N/A | N/A |
| 2813 | N/A | N/A |
| 2814 | N/A | N/A |
| 2815 | N/A | N/A |
| 2816 | N/A | N/A |
| 2817 | N/A | N/A |
| 2818 | N/A | N/A |
| 2819 | 2210503480 | E452I2N20011A1G |
| 2820 | N/A | N/A |
| 2821 | N/A | N/A |
| 2822 | N/A | N/A |
| 2823 | N/A | N/A |
| 2824 | N/A | N/A |
| 2825 | N/A | N/A |
| 2826 | N/A | N/A |
| 2827 | N/A | N/A |
| 2828 | N/A | N/A |
| 2829 | N/A | N/A |
| 2830 | N/A | N/A |
| 2831 | N/A | N/A |
| 2832 | N/A | N/A |
| 2833 | N/A | N/A |
| 2834 | N/A | N/A |
| 2835 | N/A | N/A |
| 2836 | N/A | N/A |
| 2837 | N/A | N/A |
| 2838 | N/A | N/A |
| 2839 | N/A | N/A |
| 2840 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 16 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 3601 | N/A | N/A |
| 3602 | N/A | N/A |
| 3603 | N/A | N/A |
| 3604 | N/A | N/A |
| 3605 | N/A | N/A |
| 3606 | N/A | N/A |
| 3607 | N/A | N/A |
| 3608 | N/A | N/A |
| 3609 | N/A | N/A |
| 3610 | N/A | N/A |
| 3611 | N/A | N/A |
| 3612 | N/A | N/A |
| 3613 | N/A | N/A |
| 3614 | N/A | N/A |
| 3615 | N/A | N/A |
| 3616 | N/A | N/A |
| 3617 | N/A | N/A |
| 3618 | N/A | N/A |
| 3619 | N/A | N/A |
| 3620 | N/A | N/A |
| 3621 | N/A | N/A |
| 3622 | N/A | N/A |
| 3623 | N/A | N/A |
| 3624 | 2210504412 | E452I4N20011A1G |
| 3625 | N/A | N/A |
| 3626 | N/A | N/A |
| 3627 | N/A | N/A |
| 3628 | N/A | N/A |
| 3629 | N/A | N/A |
| 3630 | N/A | N/A |
| 3631 | N/A | N/A |
| 3632 | N/A | N/A |
| 3633 | N/A | N/A |
| 3634 | N/A | N/A |
| 3635 | N/A | N/A |
| 3636 | N/A | N/A |
| 3637 | N/A | N/A |
| 3638 | N/A | N/A |
| 3639 | N/A | N/A |
| 3640 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 3681 | N/A | N/A |
| 3682 | N/A | N/A |
| 3683 | N/A | N/A |
| 3684 | N/A | N/A |
| 3685 | N/A | N/A |
| 3686 | 2210504488 | E452I4N20011R2M |
| 3687 | N/A | N/A |
| 3688 | N/A | N/A |
| 3689 | N/A | N/A |
| 3690 | N/A | N/A |
| 3691 | N/A | N/A |
| 3692 | N/A | N/A |
| 3693 | N/A | N/A |
| 3694 | N/A | N/A |
| 3695 | N/A | N/A |
| 3696 | N/A | N/A |
| 3697 | N/A | N/A |
| 3698 | N/A | N/A |
| 3699 | N/A | N/A |
| 3700 | N/A | N/A |
| 3701 | N/A | N/A |
| 3702 | N/A | N/A |
| 3703 | N/A | N/A |
| 3704 | N/A | N/A |
| 3705 | N/A | N/A |
| 3706 | N/A | N/A |
| 3707 | N/A | N/A |
| 3708 | N/A | N/A |
| 3709 | N/A | N/A |
| 3710 | N/A | N/A |
| 3711 | N/A | N/A |
| 3712 | N/A | N/A |
| 3713 | N/A | N/A |
| 3714 | N/A | N/A |
| 3715 | N/A | N/A |
| 3716 | N/A | N/A |
| 3717 | N/A | N/A |
| 3718 | N/A | N/A |
| 3719 | N/A | N/A |
| 3720 | N/A | N/A |
| | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 17 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 3721 | N/A | N/A |
| 3722 | N/A | N/A |
| 3723 | N/A | N/A |
| 3724 | N/A | N/A |
| 3725 | 2210504527 | E452I4N30011C3G |
| 3726 | N/A | N/A |
| 3727 | N/A | N/A |
| 3728 | N/A | N/A |
| 3729 | N/A | N/A |
| 3730 | N/A | N/A |
| 3731 | N/A | N/A |
| 3732 | N/A | N/A |
| 3733 | N/A | N/A |
| 3734 | N/A | N/A |
| 3735 | N/A | N/A |
| 3736 | N/A | N/A |
| 3737 | N/A | N/A |
| 3738 | N/A | N/A |
| 3739 | N/A | N/A |
| 3740 | N/A | N/A |
| 3741 | N/A | N/A |
| 3742 | N/A | N/A |
| 3743 | N/A | N/A |
| 3744 | N/A | N/A |
| 3745 | N/A | N/A |
| 3746 | N/A | N/A |
| 3747 | N/A | N/A |
| 3748 | N/A | N/A |
| 3749 | N/A | N/A |
| 3750 | N/A | N/A |
| 3751 | N/A | N/A |
| 3752 | N/A | N/A |
| 3753 | N/A | N/A |
| 3754 | N/A | N/A |
| 3755 | N/A | N/A |
| 3756 | N/A | N/A |
| 3757 | N/A | N/A |
| 3758 | N/A | N/A |
| 3759 | N/A | N/A |
| 3760 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 18 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4121 | N/A | N/A |
| 4122 | N/A | N/A |
| 4123 | N/A | N/A |
| 4124 | N/A | N/A |
| 4125 | N/A | N/A |
| 4126 | N/A | N/A |
| 4127 | N/A | N/A |
| 4128 | N/A | N/A |
| 4129 | N/A | N/A |
| 4130 | N/A | N/A |
| 4131 | N/A | N/A |
| 4132 | N/A | N/A |
| 4133 | N/A | N/A |
| 4134 | N/A | N/A |
| 4135 | N/A | N/A |
| 4136 | N/A | N/A |
| 4137 | N/A | N/A |
| 4138 | N/A | N/A |
| 4139 | N/A | N/A |
| 4140 | N/A | N/A |
| 4141 | N/A | N/A |
| 4142 | N/A | N/A |
| 4143 | N/A | N/A |
| 4144 | N/A | N/A |
| 4145 | N/A | N/A |
| 4146 | N/A | N/A |
| 4147 | N/A | N/A |
| 4148 | N/A | N/A |
| 4149 | N/A | N/A |
| 4150 | N/A | N/A |
| 4151 | N/A | N/A |
| 4152 | N/A | N/A |
| 4153 | N/A | N/A |
| 4154 | N/A | N/A |
| 4155 | N/A | N/A |
| 4156 | 2210505126 | E452N2N30011C41 |
| 4157 | N/A | N/A |
| 4158 | N/A | N/A |
| 4159 | N/A | N/A |
| 4160 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 19 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4161 | N/A | N/A |
| 4162 | N/A | N/A |
| 4163 | N/A | N/A |
| 4164 | 2210505134 | E452N2N30011C4H |
| 4165 | N/A | N/A |
| 4166 | N/A | N/A |
| 4167 | N/A | N/A |
| 4168 | N/A | N/A |
| 4169 | N/A | N/A |
| 4170 | N/A | N/A |
| 4171 | N/A | N/A |
| 4172 | N/A | N/A |
| 4173 | N/A | N/A |
| 4174 | N/A | N/A |
| 4175 | N/A | N/A |
| 4176 | N/A | N/A |
| 4177 | N/A | N/A |
| 4178 | N/A | N/A |
| 4179 | N/A | N/A |
| 4180 | N/A | N/A |
| 4181 | N/A | N/A |
| 4182 | N/A | N/A |
| 4183 | N/A | N/A |
| 4184 | N/A | N/A |
| 4185 | N/A | N/A |
| 4186 | N/A | N/A |
| 4187 | N/A | N/A |
| 4188 | N/A | N/A |
| 4189 | N/A | N/A |
| 4190 | N/A | N/A |
| 4191 | N/A | N/A |
| 4192 | N/A | N/A |
| 4193 | N/A | N/A |
| 4194 | N/A | N/A |
| 4195 | N/A | N/A |
| 4196 | N/A | N/A |
| 4197 | N/A | N/A |
| 4198 | N/A | N/A |
| 4199 | N/A | N/A |
| 4200 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4201 | N/A | N/A |
| 4202 | N/A | N/A |
| 4203 | N/A | N/A |
| 4204 | N/A | N/A |
| 4205 | N/A | N/A |
| 4206 | N/A | N/A |
| 4207 | N/A | N/A |
| 4208 | N/A | N/A |
| 4209 | N/A | N/A |
| 4210 | N/A | N/A |
| 4211 | N/A | N/A |
| 4212 | N/A | N/A |
| 4213 | 2210505211 | E452N2N50011C32 |
| 4214 | N/A | N/A |
| 4215 | N/A | N/A |
| 4216 | N/A | N/A |
| 4217 | N/A | N/A |
| 4218 | N/A | N/A |
| 4219 | N/A | N/A |
| 4220 | N/A | N/A |
| 4221 | N/A | N/A |
| 4222 | N/A | N/A |
| 4223 | N/A | N/A |
| 4224 | N/A | N/A |
| 4225 | N/A | N/A |
| 4226 | N/A | N/A |
| 4227 | N/A | N/A |
| 4228 | 2210505226 | E452N2N50011C42 |
| 4229 | N/A | N/A |
| 4230 | N/A | N/A |
| 4231 | N/A | N/A |
| 4232 | N/A | N/A |
| 4233 | N/A | N/A |
| 4234 | N/A | N/A |
| 4235 | N/A | N/A |
| 4236 | N/A | N/A |
| 4237 | N/A | N/A |
| 4238 | N/A | N/A |
| 4239 | N/A | N/A |
| 4240 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4241 | N/A | N/A |
| 4242 | N/A | N/A |
| 4243 | N/A | N/A |
| 4244 | N/A | N/A |
| 4245 | N/A | N/A |
| 4246 | N/A | N/A |
| 4247 | N/A | N/A |
| 4248 | N/A | N/A |
| 4249 | N/A | N/A |
| 4250 | N/A | N/A |
| 4251 | N/A | N/A |
| 4252 | N/A | N/A |
| 4253 | N/A | N/A |
| 4254 | N/A | N/A |
| 4255 | N/A | N/A |
| 4256 | N/A | N/A |
| 4257 | N/A | N/A |
| 4258 | N/A | N/A |
| 4259 | N/A | N/A |
| 4260 | N/A | N/A |
| 4261 | N/A | N/A |
| 4262 | N/A | N/A |
| 4263 | N/A | N/A |
| 4264 | N/A | N/A |
| 4265 | N/A | N/A |
| 4266 | N/A | N/A |
| 4267 | N/A | N/A |
| 4268 | N/A | N/A |
| 4269 | N/A | N/A |
| 4270 | N/A | N/A |
| 4271 | N/A | N/A |
| 4272 | N/A | N/A |
| 4273 | N/A | N/A |
| 4274 | N/A | N/A |
| 4275 | N/A | N/A |
| 4276 | N/A | N/A |
| 4277 | N/A | N/A |
| 4278 | N/A | N/A |
| 4279 | 2210505295 | E452N2N50011S0H |
| 4280 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4281 | N/A | N/A |
| 4282 | N/A | N/A |
| 4283 | N/A | N/A |
| 4284 | N/A | N/A |
| 4285 | N/A | N/A |
| 4286 | N/A | N/A |
| 4287 | N/A | N/A |
| 4288 | N/A | N/A |
| 4289 | N/A | N/A |
| 4290 | N/A | N/A |
| 4291 | 2210505307 | E452N3N10011A1G |
| 4292 | N/A | N/A |
| 4293 | N/A | N/A |
| 4294 | N/A | N/A |
| 4295 | N/A | N/A |
| 4296 | N/A | N/A |
| 4297 | N/A | N/A |
| 4298 | N/A | N/A |
| 4299 | N/A | N/A |
| 4300 | N/A | N/A |
| 4301 | N/A | N/A |
| 4302 | N/A | N/A |
| 4303 | N/A | N/A |
| 4304 | N/A | N/A |
| 4305 | N/A | N/A |
| 4306 | N/A | N/A |
| 4307 | N/A | N/A |
| 4308 | N/A | N/A |
| 4309 | N/A | N/A |
| 4310 | N/A | N/A |
| 4311 | N/A | N/A |
| 4312 | N/A | N/A |
| 4313 | N/A | N/A |
| 4314 | N/A | N/A |
| 4315 | N/A | N/A |
| 4316 | N/A | N/A |
| 4317 | N/A | N/A |
| 4318 | N/A | N/A |
| 4319 | N/A | N/A |
| 4320 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 20 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4361 | N/A | N/A |
| 4362 | N/A | N/A |
| 4363 | N/A | N/A |
| 4364 | N/A | N/A |
| 4365 | N/A | N/A |
| 4366 | N/A | N/A |
| 4367 | N/A | N/A |
| 4368 | N/A | N/A |
| 4369 | N/A | N/A |
| 4370 | N/A | N/A |
| 4371 | N/A | N/A |
| 4372 | N/A | N/A |
| 4373 | N/A | N/A |
| 4374 | N/A | N/A |
| 4375 | N/A | N/A |
| 4376 | N/A | N/A |
| 4377 | N/A | N/A |
| 4378 | N/A | N/A |
| 4379 | N/A | N/A |
| 4380 | N/A | N/A |
| 4381 | N/A | N/A |
| 4382 | N/A | N/A |
| 4383 | N/A | N/A |
| 4384 | N/A | N/A |
| 4385 | N/A | N/A |
| 4386 | N/A | N/A |
| 4387 | N/A | N/A |
| 4388 | N/A | N/A |
| 4389 | N/A | N/A |
| 4390 | N/A | N/A |
| 4391 | 2210505435 | E452N3N10K11C4M |
| 4392 | N/A | N/A |
| 4393 | N/A | N/A |
| 4394 | N/A | N/A |
| 4395 | N/A | N/A |
| 4396 | N/A | N/A |
| 4397 | N/A | N/A |
| 4398 | N/A | N/A |
| 4399 | N/A | N/A |
| 4400 | N/A | N/A |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± | ° |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 21 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4521 | N/A | N/A |
| 4522 | N/A | N/A |
| 4523 | N/A | N/A |
| 4524 | 2210505624 | E452N3N20011C45 |
| 4525 | N/A | N/A |
| 4526 | N/A | N/A |
| 4527 | N/A | N/A |
| 4528 | N/A | N/A |
| 4529 | 2210505629 | E452N3N20011C4E |
| 4530 | N/A | N/A |
| 4531 | N/A | N/A |
| 4532 | N/A | N/A |
| 4533 | N/A | N/A |
| 4534 | N/A | N/A |
| 4535 | N/A | N/A |
| 4536 | N/A | N/A |
| 4537 | N/A | N/A |
| 4538 | N/A | N/A |
| 4539 | N/A | N/A |
| 4540 | N/A | N/A |
| 4541 | N/A | N/A |
| 4542 | N/A | N/A |
| 4543 | N/A | N/A |
| 4544 | N/A | N/A |
| 4545 | N/A | N/A |
| 4546 | N/A | N/A |
| 4547 | N/A | N/A |
| 4548 | N/A | N/A |
| 4549 | N/A | N/A |
| 4550 | N/A | N/A |
| 4551 | N/A | N/A |
| 4552 | N/A | N/A |
| 4553 | N/A | N/A |
| 4554 | N/A | N/A |
| 4555 | N/A | N/A |
| 4556 | N/A | N/A |
| 4557 | N/A | N/A |
| 4558 | N/A | N/A |
| 4559 | N/A | N/A |
| 4560 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 4601 | N/A | N/A |
| 4602 | N/A | N/A |
| 4603 | N/A | N/A |
| 4604 | N/A | N/A |
| 4605 | N/A | N/A |
| 4606 | N/A | N/A |
| 4607 | N/A | N/A |
| 4608 | N/A | N/A |
| 4609 | N/A | N/A |
| 4610 | N/A | N/A |
| 4611 | N/A | N/A |
| 4612 | N/A | N/A |
| 4613 | N/A | N/A |
| 4614 | N/A | N/A |
| 4615 | N/A | N/A |
| 4616 | N/A | N/A |
| 4617 | N/A | N/A |
| 4618 | N/A | N/A |
| 4619 | N/A | N/A |
| 4620 | N/A | N/A |
| 4621 | N/A | N/A |
| 4622 | N/A | N/A |
| 4623 | N/A | N/A |
| 4624 | N/A | N/A |
| 4625 | N/A | N/A |
| 4626 | N/A | N/A |
| 4627 | N/A | N/A |
| 4628 | N/A | N/A |
| 4629 | N/A | N/A |
| 4630 | N/A | N/A |
| 4631 | N/A | N/A |
| 4632 | N/A | N/A |
| 4633 | N/A | N/A |
| 4634 | N/A | N/A |
| 4635 | N/A | N/A |
| 4636 | 2210505792 | E452N3N50011A1E |
| 4637 | 2210505793 | E452N3N50011A1G |
| 4638 | N/A | N/A |
| 4639 | N/A | N/A |
| 4640 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 22 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5241 | N/A | N/A |
| 5242 | N/A | N/A |
| 5243 | N/A | N/A |
| 5244 | N/A | N/A |
| 5245 | N/A | N/A |
| 5246 | N/A | N/A |
| 5247 | N/A | N/A |
| 5248 | N/A | N/A |
| 5249 | N/A | N/A |
| 5250 | N/A | N/A |
| 5251 | N/A | N/A |
| 5252 | N/A | N/A |
| 5253 | N/A | N/A |
| 5254 | N/A | N/A |
| 5255 | N/A | N/A |
| 5256 | N/A | N/A |
| 5257 | N/A | N/A |
| 5258 | 2210506638 | E452P2N10K11C3B |
| 5259 | N/A | N/A |
| 5260 | N/A | N/A |
| 5261 | N/A | N/A |
| 5262 | N/A | N/A |
| 5263 | N/A | N/A |
| 5264 | N/A | N/A |
| 5265 | N/A | N/A |
| 5266 | N/A | N/A |
| 5267 | N/A | N/A |
| 5268 | N/A | N/A |
| 5269 | N/A | N/A |
| 5270 | N/A | N/A |
| 5271 | N/A | N/A |
| 5272 | N/A | N/A |
| 5273 | N/A | N/A |
| 5274 | N/A | N/A |
| 5275 | N/A | N/A |
| 5276 | N/A | N/A |
| 5277 | N/A | N/A |
| 5278 | N/A | N/A |
| 5279 | N/A | N/A |
| 5280 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 23 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5361 | N/A | N/A |
| 5362 | N/A | N/A |
| 5363 | N/A | N/A |
| 5364 | N/A | N/A |
| 5365 | N/A | N/A |
| 5366 | N/A | N/A |
| 5367 | N/A | N/A |
| 5368 | N/A | N/A |
| 5369 | N/A | N/A |
| 5370 | N/A | N/A |
| 5371 | N/A | N/A |
| 5372 | N/A | N/A |
| 5373 | N/A | N/A |
| 5374 | N/A | N/A |
| 5375 | N/A | N/A |
| 5376 | N/A | N/A |
| 5377 | N/A | N/A |
| 5378 | N/A | N/A |
| 5379 | N/A | N/A |
| 5380 | N/A | N/A |
| 5381 | N/A | N/A |
| 5382 | N/A | N/A |
| 5383 | N/A | N/A |
| 5384 | N/A | N/A |
| 5385 | N/A | N/A |
| 5386 | N/A | N/A |
| 5387 | N/A | N/A |
| 5388 | N/A | N/A |
| 5389 | N/A | N/A |
| 5390 | N/A | N/A |
| 5391 | N/A | N/A |
| 5392 | N/A | N/A |
| 5393 | N/A | N/A |
| 5394 | N/A | N/A |
| 5395 | N/A | N/A |
| 5396 | 2210506832 | E452P2N20011A1B |
| 5397 | N/A | N/A |
| 5398 | N/A | N/A |
| 5399 | N/A | N/A |
| 5400 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5401 | 2210506837 | E452P2N20011A1H |
| 5402 | N/A | N/A |
| 5403 | N/A | N/A |
| 5404 | N/A | N/A |
| 5405 | N/A | N/A |
| 5406 | N/A | N/A |
| 5407 | N/A | N/A |
| 5408 | N/A | N/A |
| 5409 | N/A | N/A |
| 5410 | N/A | N/A |
| 5411 | N/A | N/A |
| 5412 | N/A | N/A |
| 5413 | N/A | N/A |
| 5414 | N/A | N/A |
| 5415 | N/A | N/A |
| 5416 | N/A | N/A |
| 5417 | N/A | N/A |
| 5418 | N/A | N/A |
| 5419 | N/A | N/A |
| 5420 | N/A | N/A |
| 5421 | N/A | N/A |
| 5422 | N/A | N/A |
| 5423 | N/A | N/A |
| 5424 | N/A | N/A |
| 5425 | N/A | N/A |
| 5426 | N/A | N/A |
| 5427 | N/A | N/A |
| 5428 | N/A | N/A |
| 5429 | N/A | N/A |
| 5430 | N/A | N/A |
| 5431 | N/A | N/A |
| 5432 | N/A | N/A |
| 5433 | N/A | N/A |
| 5434 | N/A | N/A |
| 5435 | N/A | N/A |
| 5436 | N/A | N/A |
| 5437 | N/A | N/A |
| 5438 | N/A | N/A |
| 5439 | N/A | N/A |
| 5440 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± | ° |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 24 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5521 | N/A | N/A |
| 5522 | N/A | N/A |
| 5523 | N/A | N/A |
| 5524 | N/A | N/A |
| 5525 | N/A | N/A |
| 5526 | N/A | N/A |
| 5527 | 2210507019 | E452P2N30011S04 |
| 5528 | N/A | N/A |
| 5529 | N/A | N/A |
| 5530 | N/A | N/A |
| 5531 | N/A | N/A |
| 5532 | N/A | N/A |
| 5533 | N/A | N/A |
| 5534 | N/A | N/A |
| 5535 | N/A | N/A |
| 5536 | N/A | N/A |
| 5537 | N/A | N/A |
| 5538 | N/A | N/A |
| 5539 | N/A | N/A |
| 5540 | N/A | N/A |
| 5541 | N/A | N/A |
| 5542 | N/A | N/A |
| 5543 | N/A | N/A |
| 5544 | N/A | N/A |
| 5545 | N/A | N/A |
| 5546 | N/A | N/A |
| 5547 | N/A | N/A |
| 5548 | N/A | N/A |
| 5549 | N/A | N/A |
| 5550 | N/A | N/A |
| 5551 | N/A | N/A |
| 5552 | N/A | N/A |
| 5553 | N/A | N/A |
| 5554 | N/A | N/A |
| 5555 | N/A | N/A |
| 5556 | N/A | N/A |
| 5557 | N/A | N/A |
| 5558 | N/A | N/A |
| 5559 | N/A | N/A |
| 5560 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 25 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5601 | N/A | N/A |
| 5602 | N/A | N/A |
| 5603 | N/A | N/A |
| 5604 | N/A | N/A |
| 5605 | N/A | N/A |
| 5606 | N/A | N/A |
| 5607 | N/A | N/A |
| 5608 | N/A | N/A |
| 5609 | N/A | N/A |
| 5610 | 2210507130 | E452P3N10011A11 |
| 5611 | N/A | N/A |
| 5612 | N/A | N/A |
| 5613 | N/A | N/A |
| 5614 | N/A | N/A |
| 5615 | N/A | N/A |
| 5616 | N/A | N/A |
| 5617 | N/A | N/A |
| 5618 | N/A | N/A |
| 5619 | N/A | N/A |
| 5620 | N/A | N/A |
| 5621 | N/A | N/A |
| 5622 | N/A | N/A |
| 5623 | N/A | N/A |
| 5624 | N/A | N/A |
| 5625 | N/A | N/A |
| 5626 | N/A | N/A |
| 5627 | N/A | N/A |
| 5628 | N/A | N/A |
| 5629 | N/A | N/A |
| 5630 | N/A | N/A |
| 5631 | N/A | N/A |
| 5632 | N/A | N/A |
| 5633 | N/A | N/A |
| 5634 | N/A | N/A |
| 5635 | N/A | N/A |
| 5636 | N/A | N/A |
| 5637 | N/A | N/A |
| 5638 | N/A | N/A |
| 5639 | N/A | N/A |
| 5640 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5641 | N/A | N/A |
| 5642 | N/A | N/A |
| 5643 | N/A | N/A |
| 5644 | N/A | N/A |
| 5645 | N/A | N/A |
| 5646 | N/A | N/A |
| 5647 | N/A | N/A |
| 5648 | N/A | N/A |
| 5649 | N/A | N/A |
| 5650 | 2210507170 | E452P3N10011C4G |
| 5651 | N/A | N/A |
| 5652 | N/A | N/A |
| 5653 | N/A | N/A |
| 5654 | N/A | N/A |
| 5655 | N/A | N/A |
| 5656 | N/A | N/A |
| 5657 | N/A | N/A |
| 5658 | N/A | N/A |
| 5659 | N/A | N/A |
| 5660 | N/A | N/A |
| 5661 | N/A | N/A |
| 5662 | N/A | N/A |
| 5663 | N/A | N/A |
| 5664 | N/A | N/A |
| 5665 | N/A | N/A |
| 5666 | N/A | N/A |
| 5667 | N/A | N/A |
| 5668 | N/A | N/A |
| 5669 | N/A | N/A |
| 5670 | N/A | N/A |
| 5671 | N/A | N/A |
| 5672 | N/A | N/A |
| 5673 | N/A | N/A |
| 5674 | N/A | N/A |
| 5675 | N/A | N/A |
| 5676 | N/A | N/A |
| 5677 | N/A | N/A |
| 5678 | N/A | N/A |
| 5679 | N/A | N/A |
| 5680 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5681 | N/A | N/A |
| 5682 | N/A | N/A |
| 5683 | N/A | N/A |
| 5684 | N/A | N/A |
| 5685 | N/A | N/A |
| 5686 | N/A | N/A |
| 5687 | N/A | N/A |
| 5688 | N/A | N/A |
| 5689 | N/A | N/A |
| 5690 | N/A | N/A |
| 5691 | N/A | N/A |
| 5692 | N/A | N/A |
| 5693 | N/A | N/A |
| 5694 | N/A | N/A |
| 5695 | N/A | N/A |
| 5696 | N/A | N/A |
| 5697 | N/A | N/A |
| 5698 | N/A | N/A |
| 5699 | N/A | N/A |
| 5700 | N/A | N/A |
| 5701 | N/A | N/A |
| 5702 | N/A | N/A |
| 5703 | 2210507252 | E452P3N10K11C3A |
| 5704 | N/A | N/A |
| 5705 | N/A | N/A |
| 5706 | N/A | N/A |
| 5707 | N/A | N/A |
| 5708 | N/A | N/A |
| 5709 | 2210507258 | E452P3N10K11C3H |
| 5710 | N/A | N/A |
| 5711 | N/A | N/A |
| 5712 | N/A | N/A |
| 5713 | N/A | N/A |
| 5714 | N/A | N/A |
| 5715 | 2210507263 | E452P3N10K11C42 |
| 5716 | N/A | N/A |
| 5717 | N/A | N/A |
| 5718 | N/A | N/A |
| 5719 | N/A | N/A |
| 5720 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5721 | N/A | N/A |
| 5722 | N/A | N/A |
| 5723 | N/A | N/A |
| 5724 | N/A | N/A |
| 5725 | 2210507274 | E452P3N10K11C4L |
| 5726 | 2210507275 | E452P3N10K11C4M |
| 5727 | N/A | N/A |
| 5728 | N/A | N/A |
| 5729 | N/A | N/A |
| 5730 | N/A | N/A |
| 5731 | N/A | N/A |
| 5732 | N/A | N/A |
| 5733 | N/A | N/A |
| 5734 | N/A | N/A |
| 5735 | N/A | N/A |
| 5736 | N/A | N/A |
| 5737 | N/A | N/A |
| 5738 | N/A | N/A |
| 5739 | N/A | N/A |
| 5740 | N/A | N/A |
| 5741 | N/A | N/A |
| 5742 | N/A | N/A |
| 5743 | N/A | N/A |
| 5744 | N/A | N/A |
| 5745 | N/A | N/A |
| 5746 | N/A | N/A |
| 5747 | N/A | N/A |
| 5748 | N/A | N/A |
| 5749 | N/A | N/A |
| 5750 | N/A | N/A |
| 5751 | N/A | N/A |
| 5752 | N/A | N/A |
| 5753 | N/A | N/A |
| 5754 | N/A | N/A |
| 5755 | N/A | N/A |
| 5756 | N/A | N/A |
| 5757 | N/A | N/A |
| 5758 | N/A | N/A |
| 5759 | N/A | N/A |
| 5760 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 26 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5801 | N/A | N/A |
| 5802 | N/A | N/A |
| 5803 | N/A | N/A |
| 5804 | N/A | N/A |
| 5805 | N/A | N/A |
| 5806 | N/A | N/A |
| 5807 | N/A | N/A |
| 5808 | N/A | N/A |
| 5809 | N/A | N/A |
| 5810 | N/A | N/A |
| 5811 | 2210507415 | E452P3N15011R25 |
| 5812 | N/A | N/A |
| 5813 | N/A | N/A |
| 5814 | N/A | N/A |
| 5815 | N/A | N/A |
| 5816 | N/A | N/A |
| 5817 | N/A | N/A |
| 5818 | N/A | N/A |
| 5819 | N/A | N/A |
| 5820 | N/A | N/A |
| 5821 | N/A | N/A |
| 5822 | N/A | N/A |
| 5823 | N/A | N/A |
| 5824 | N/A | N/A |
| 5825 | N/A | N/A |
| 5826 | N/A | N/A |
| 5827 | N/A | N/A |
| 5828 | N/A | N/A |
| 5829 | N/A | N/A |
| 5830 | N/A | N/A |
| 5831 | N/A | N/A |
| 5832 | N/A | N/A |
| 5833 | N/A | N/A |
| 5834 | N/A | N/A |
| 5835 | N/A | N/A |
| 5836 | N/A | N/A |
| 5837 | N/A | N/A |
| 5838 | N/A | N/A |
| 5839 | N/A | N/A |
| 5840 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5881 | N/A | N/A |
| 5882 | N/A | N/A |
| 5883 | N/A | N/A |
| 5884 | 2210507516 | E452P3N20011R24 |
| 5885 | N/A | N/A |
| 5886 | N/A | N/A |
| 5887 | N/A | N/A |
| 5888 | N/A | N/A |
| 5889 | N/A | N/A |
| 5890 | N/A | N/A |
| 5891 | N/A | N/A |
| 5892 | N/A | N/A |
| 5893 | N/A | N/A |
| 5894 | N/A | N/A |
| 5895 | N/A | N/A |
| 5896 | N/A | N/A |
| 5897 | N/A | N/A |
| 5898 | N/A | N/A |
| 5899 | N/A | N/A |
| 5900 | N/A | N/A |
| 5901 | 2210507533 | E452P3N20011S0B |
| 5902 | N/A | N/A |
| 5903 | N/A | N/A |
| 5904 | N/A | N/A |
| 5905 | N/A | N/A |
| 5906 | N/A | N/A |
| 5907 | N/A | N/A |
| 5908 | N/A | N/A |
| 5909 | N/A | N/A |
| 5910 | N/A | N/A |
| 5911 | 2210507543 | E452P3N30011A11 |
| 5912 | N/A | N/A |
| 5913 | N/A | N/A |
| 5914 | N/A | N/A |
| 5915 | N/A | N/A |
| 5916 | N/A | N/A |
| 5917 | N/A | N/A |
| 5918 | N/A | N/A |
| 5919 | N/A | N/A |
| 5920 | N/A | N/A |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515183

EC NO: 826028
DRWN: SANATK1 2025/05/06
CHK'D: GGA 2025/06/30
APPR: GGA 2025/06/30

INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

molex

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| FIRST ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 121050 | SEE TABLE | GENERAL MARKET | 27 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

TABLE 3 - PART LIST

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5921 | N/A | N/A |
| 5922 | 2210507554 | E452P3N30011A1H |
| 5923 | N/A | N/A |
| 5924 | N/A | N/A |
| 5925 | N/A | N/A |
| 5926 | 2210507558 | E452P3N30011C31 |
| 5927 | N/A | N/A |
| 5928 | N/A | N/A |
| 5929 | N/A | N/A |
| 5930 | N/A | N/A |
| 5931 | N/A | N/A |
| 5932 | N/A | N/A |
| 5933 | N/A | N/A |
| 5934 | N/A | N/A |
| 5935 | N/A | N/A |
| 5936 | N/A | N/A |
| 5937 | N/A | N/A |
| 5938 | N/A | N/A |
| 5939 | N/A | N/A |
| 5940 | N/A | N/A |
| 5941 | N/A | N/A |
| 5942 | N/A | N/A |
| 5943 | N/A | N/A |
| 5944 | N/A | N/A |
| 5945 | N/A | N/A |
| 5946 | 2210507578 | E452P3N30011C4B |
| 5947 | N/A | N/A |
| 5948 | N/A | N/A |
| 5949 | N/A | N/A |
| 5950 | N/A | N/A |
| 5951 | N/A | N/A |
| 5952 | N/A | N/A |
| 5953 | N/A | N/A |
| 5954 | N/A | N/A |
| 5955 | N/A | N/A |
| 5956 | N/A | N/A |
| 5957 | N/A | N/A |
| 5958 | N/A | N/A |
| 5959 | N/A | N/A |
| 5960 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 5961 | N/A | N/A |
| 5962 | N/A | N/A |
| 5963 | N/A | N/A |
| 5964 | N/A | N/A |
| 5965 | N/A | N/A |
| 5966 | N/A | N/A |
| 5967 | N/A | N/A |
| 5968 | N/A | N/A |
| 5969 | 2210507629 | E452P3N30011R2M |
| 5970 | N/A | N/A |
| 5971 | 2210507631 | E452P3N30011S02 |
| 5972 | N/A | N/A |
| 5973 | N/A | N/A |
| 5974 | N/A | N/A |
| 5975 | N/A | N/A |
| 5976 | N/A | N/A |
| 5977 | N/A | N/A |
| 5978 | N/A | N/A |
| 5979 | N/A | N/A |
| 5980 | N/A | N/A |
| 5981 | N/A | N/A |
| 5982 | N/A | N/A |
| 5983 | N/A | N/A |
| 5984 | N/A | N/A |
| 5985 | N/A | N/A |
| 5986 | N/A | N/A |
| 5987 | N/A | N/A |
| 5988 | N/A | N/A |
| 5989 | N/A | N/A |
| 5990 | N/A | N/A |
| 5991 | N/A | N/A |
| 5992 | N/A | N/A |
| 5993 | N/A | N/A |
| 5994 | N/A | N/A |
| 5995 | N/A | N/A |
| 5996 | N/A | N/A |
| 5997 | N/A | N/A |
| 5998 | N/A | N/A |
| 5999 | 2210507659 | E452P3N50011C32 |
| 6000 | N/A | N/A |

| Pos. | Molex PN: | Engineering No.: |
|---|---|---|
| 6001 | N/A | N/A |
| 6002 | N/A | N/A |
| 6003 | N/A | N/A |
| 6004 | N/A | N/A |
| 6005 | N/A | N/A |
| 6006 | N/A | N/A |
| 6007 | N/A | N/A |
| 6008 | N/A | N/A |
| 6009 | N/A | N/A |
| 6010 | N/A | N/A |
| 6011 | N/A | N/A |
| 6012 | N/A | N/A |
| 6013 | N/A | N/A |
| 6014 | N/A | N/A |
| 6015 | N/A | N/A |
| 6016 | N/A | N/A |
| 6017 | N/A | N/A |
| 6018 | N/A | N/A |
| 6019 | N/A | N/A |
| 6020 | N/A | N/A |
| 6021 | N/A | N/A |
| 6022 | N/A | N/A |
| 6023 | 2210507683 | E452P3N50011C4L |
| 6024 | N/A | N/A |
| 6025 | N/A | N/A |
| 6026 | N/A | N/A |
| 6027 | N/A | N/A |
| 6028 | N/A | N/A |
| 6029 | N/A | N/A |
| 6030 | N/A | N/A |
| 6031 | N/A | N/A |
| 6032 | N/A | N/A |
| 6033 | N/A | N/A |
| 6034 | N/A | N/A |
| 6035 | N/A | N/A |
| 6036 | N/A | N/A |
| 6037 | N/A | N/A |
| 6038 | N/A | N/A |
| 6039 | N/A | N/A |
| 6040 | N/A | N/A |

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| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
DRWN: JMARSZALEK 2012/08/27
APPR: MDYSZEWSKA 2012/08/20

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

E452XXXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-121050-001 | PSD | 001 | E2 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 28 OF 28 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/30 13:30:42 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
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