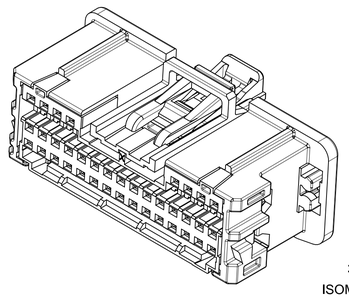
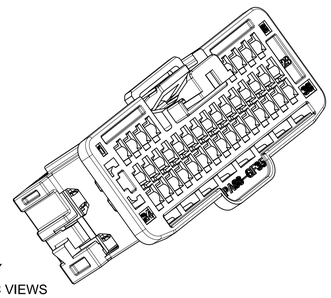
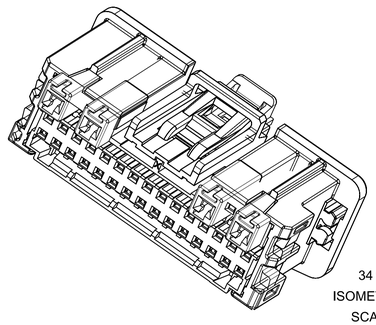
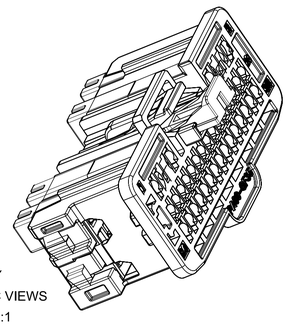
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SHEET NO.	SHEET DESCRIPTION
1	NOTES, INSPECTION BALLOON NUMBER LOG, NOMINAL DIMENSION RANGE LIST, REV.COLUMN, RECEPTCLE ASSEMBLY LIST, ISOMETRIC VIEW POLARIZATION OPTION VIEW, CTX50 TERMINAL LIST, TYCO MCON UNSEALED RECEPTACLE TERMINALS
2	DETAIL DIMENSION VIEW



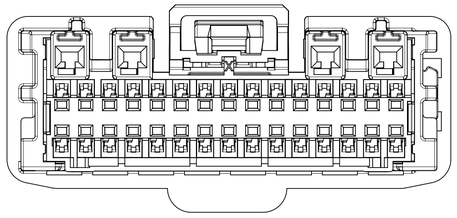


38 WAY
ISOMETRIC VIEWS
SCALE 3:1

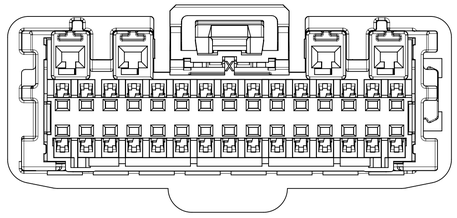




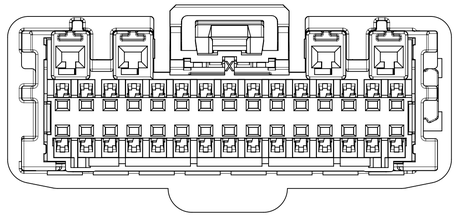
34 WAY
ISOMETRIC VIEWS
SCALE 3:1



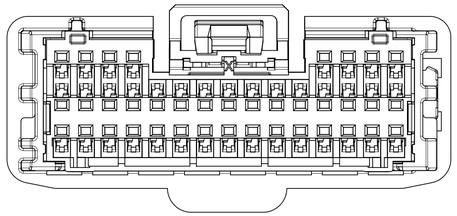
34 WAY POLARIZATION OPTION 'A'



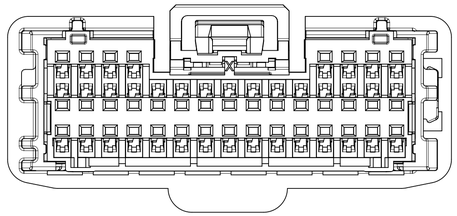
34 WAY POLARIZATION OPTION 'B'



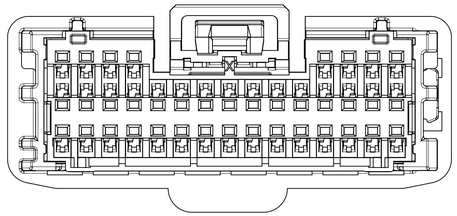
34 WAY POLARIZATIONOPTION 'C'



38 WAY POLARIZATION OPTION 'UPDATED A'



38 WAY POLARIZATION OPTION 'UPDATED B'



38 WAY POLARIZATIONOPTION 'UPDATED C'

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
   a. APPLICATION SPECIFICATION SEE: 349590002-RAS
   b. PRODUCT SPECIFICATION SEE: PS-34959-001
   c. PACKAGING SPECIFICATION SEE: PK-31301-538
   d. ADOPTABLE ISL PART NUMBER LIST IN DRAWING: 349590002
   e. ISL PACKAGING DRAWING SEE: 348945000

2. DESIGN - MATERIALS:
   a. INNER HSG : PA66 GF35
   b. OUTER HSG: PA66 GF35
   d. CPA: PA66 GF50

3. DESIGN - GEOMETRY:
   a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
   b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5X-2009
   c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
   d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
   e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

4. DESIGN - MANUFACTURING:
   a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

MINI50 34&38 WAY RECEPTACLE ASSEMBLY LIST

MOLEX ASSEMBLY PART NO.'S (WITHOUT ISL)	ASSEMBLY STATUS	FLAMMABILITY UL94	CIRCUIT	POL	COLOR	MATING COMPONENT		SEPARATED ISL PN	STATUS
						VERTICAL HEADER	RIGHT ANGLE HEADER		
34959-1380	WITH CPA	HB	38	UPDATED A	BLACK	34958-0383	34961-0386 A3	34959-6301	SALEABLE
34959-1381	WITH CPA	HB	38	UPDATED B	GRAY	34958-0384	34961-0387 A3		SALEABLE
34959-1382	WITH CPA	HB	38	UPDATED C	DARK GRAY	34958-0385	34961-0388 A3		SALEABLE
34959-1383	\	HB	38	UPDATED A	BLACK	34958-0383	34961-0386 A3		SALEABLE
34959-1384	\	HB	38	UPDATED B	GRAY	34958-0384	34961-0387 A3		SALEABLE
34959-1385	\	HB	38	UPDATED C	DARK GRAY	34958-0385	34961-0388 A3		SALEABLE
34959-1340	WITH CPA	HB	34	A	BLACK	34958-0340	34961-0343 A3		SALEABLE
34959-1341	WITH CPA	HB	34	B	GRAY	34958-0341	34961-0344 A3		SALEABLE
34959-1342	WITH CPA	HB	34	C	DARK GRAY	34958-0342	34961-0345 A3		SALEABLE
34959-1343	\	HB	34	A	BLACK	34958-0340	34961-0343 A3		SALEABLE
34959-1344	\	HB	34	B	GRAY	34958-0341	34961-0344 A3		SALEABLE
34959-1345	\	HB	34	C	DARK GRAY	34958-0342	34961-0345 A3		SALEABLE

CTX50 UNSEALED RECEPTACLE TERMINALS (A4)

PART NUMBER		MATERIAL	WIRE GAGE (mm²)	GRIP	STATUS
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)				
5600230448	5600230450	COPPER ALLOY	0.35	LARGE	PLAN OBSOLESCENCE IN 2024
5600230421	5600230423	COPPER ALLOY	0.22	MEDIUM	PLAN OBSOLESCENCE IN 2024
5600230444	5600230445	COPPER ALLOY	0.13	SMALL	PLAN OBSOLESCENCE IN 2024
5600230748	5600230750	COPPER ALLOY	0.35	LARGE	SALEABLE
5600230721	5600230723	COPPER ALLOY	0.22	MEDIUM	SALEABLE
5600230744	5600230745	COPPER ALLOY	0.13	SMALL	SALEABLE

TYCO MCON UNSEALED RECEPTACLE TERMINALS

PART NUMBER	MATERIAL	WIRE GAGE (mm²)	GRIP
7-1452659	COPPER ALLOY	1.00 mm² or 18 AWG	LARGE
7-1452656	COPPER ALLOY	0.50 - 0.75 mm² or 20 AWG	MEDIUM
7-1452653	COPPER ALLOY	0.35 mm² or 22 AWG	SMALL

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120
		UP TO	1	3	6	10	15	22	30	40	53	70	90	120	160
PRECISION ENGINEERING	A		±0.10	±0.12	±0.14	±0.16	±0.20	±0.22	±0.24	±0.26	±0.28	±0.31	±0.35	±0.40	±0.50
	B		±0.05	±0.06	±0.07	±0.08	±0.10	±0.12	±0.14	±0.16	±0.18	±0.21	±0.25	±0.30	±0.40
A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)															
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)															

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: A4
LAST BALLOON NUMBER USED: 5
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS:

REV	REV DESCRIPTION	ECN SAP NO.
A4	SHEET 1: UPDATED CTX50 UNSEALED RCPT TERMINAL PART NUMBER AND STATUS	CO-000006813
A3	1. UPDATED MINI50 34&38WAY RECEPTACLE ASSEMBLY LIST RIGHT ANGLE HEADER P/N IN SHEET 1.	CO-000001122
A2	CREATED NEW REVISION TO UPLOAD DRAWING IN MDS SYSTEM	CO-000001122
A1	1.SHEET 1:ADDED SEPARATED ISL PN IN RECEPTACLE ASSEMBLY LIST FORM. 2.SHEET 1:ADDED ISL PACKING DRAWING NUMBER IN GENERAL NOTES.	CO-000001122
A	INITIAL RELEASE	639270

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

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: MM | SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REFER TO REVISION COLUMN

STATUS: Production

DRWN:	Yann Chen	2023-10-20
CHK'D:	Gang Li	2023-10-25
APPR:	Colin Zhang	2023-10-30

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34959 | MATERIAL NUMBER | CUSTOMER

molex

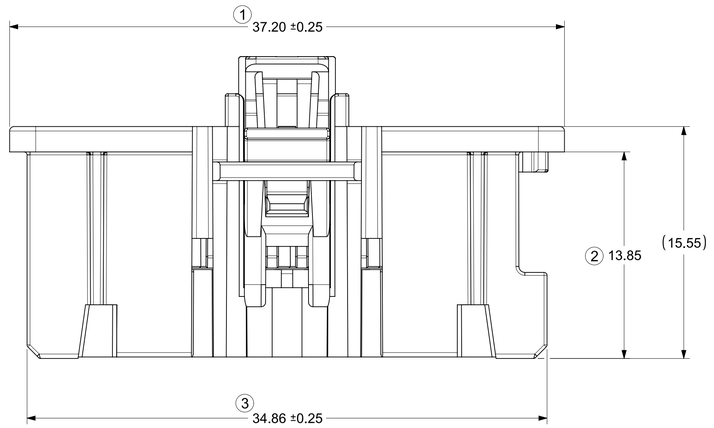
MINI50 34/38WAY RECEPTACLE ASSEMBLY SALES DRAW

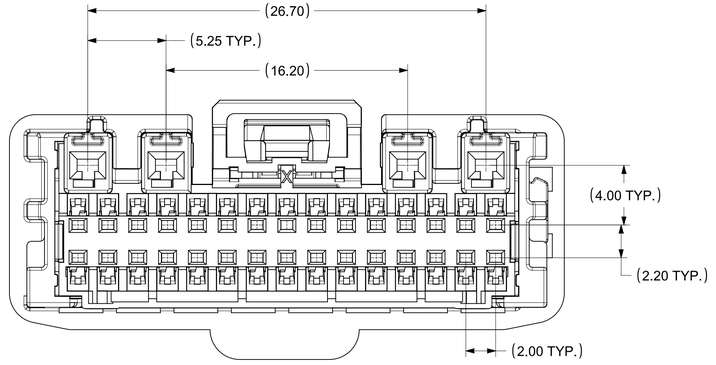
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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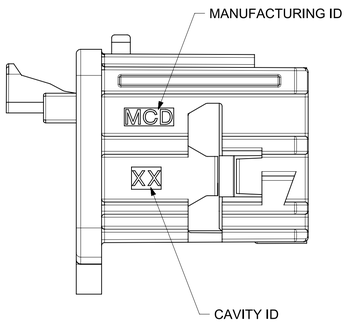
SHEET NUMBER: 1 OF 2

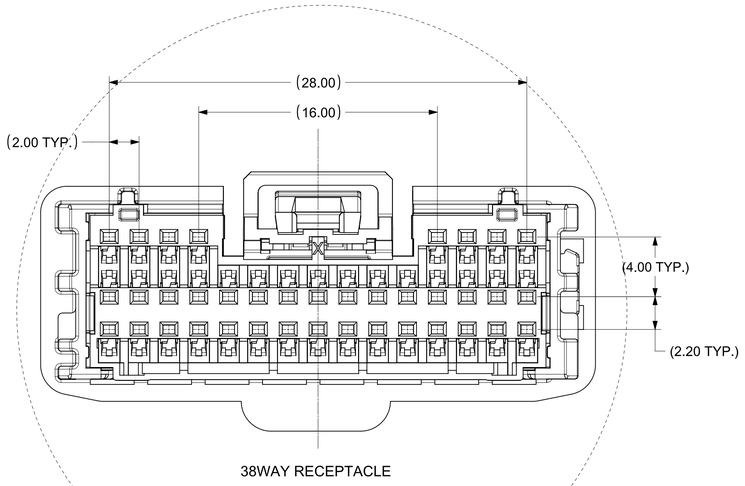
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
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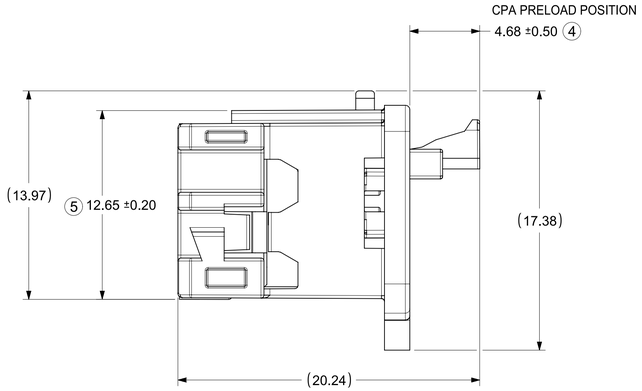


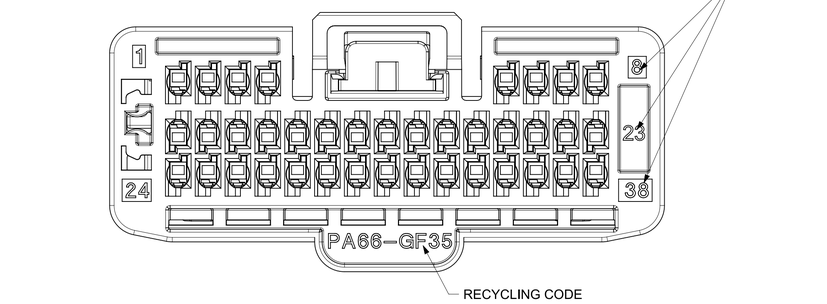
34WAY RECEPTACLE





38WAY RECEPTACLE





FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
FA = 0	DIMENSION UNITS: MM	SCALE: 5:1	CURRENT REV DESC: REFER TO REVISION COLUMN	molex
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			MINI50 34/38WAY RECEPTACLE ASSEMBLY SALES DRAW
FP = 0	ANGULAR TOL ± 0.5°			PRODUCT SALES DRAWING
DIVISIONAL SYMBOLS	4 PLACES ±		STATUS: Production	DOCUMENT NUMBER 349590001 / DOC TYPE PSD / DOC PART 000 / REVISION A4
	3 PLACES ±		DRWN: Yann Chen 2023-10-20	
	2 PLACES ±		CHK'D: Gang Li 2023-10-25	
	1 PLACE ±		APPR: Colin Zhang 2023-10-30	
	0 PLACES ±		THIRD ANGLE PROJECTION	DRAWING: D-SIZE / SERIES: 34959
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER / CUSTOMER	SHEET NUMBER 2 OF 2