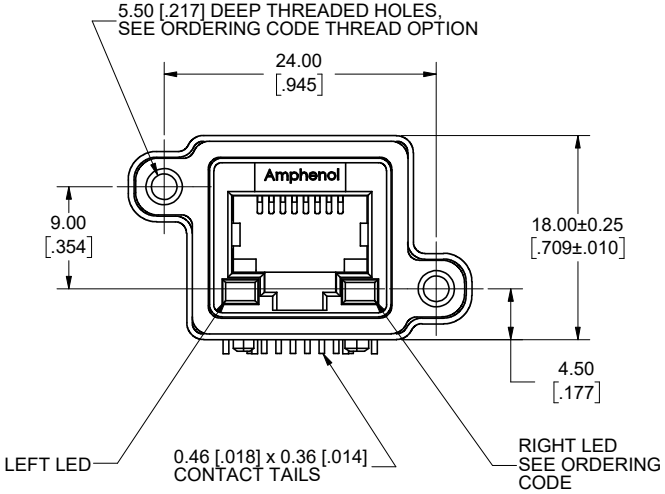
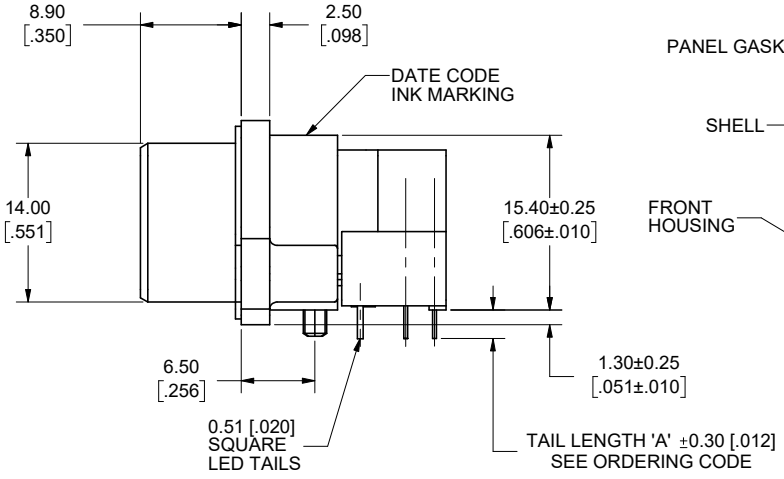
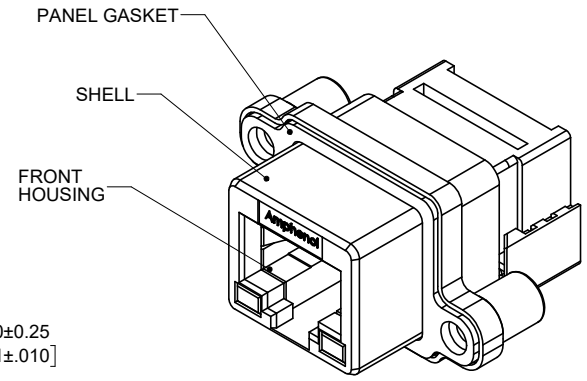
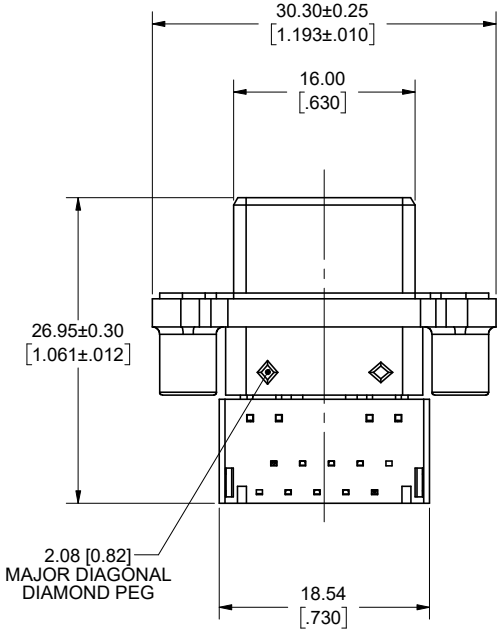
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
L	PRODUCT DRAWING (EAR 14330)	DEC11/14	K.L
M	PRODUCT DRAWING (EAR 14911)	NOV30/20	K.L.









ORDERING CODE: M R J - 5 3 X X - X 1

SERIES, RUGGED RJ

RECEPTACLE, RIGHT ANGLE, PCB TAIL

NUMBER OF CONTACTS
8= 8 CONTACTS
A=10 CONTACTS

LED OPTION
0=NONE
1=GREEN LEFT, YELLOW RIGHT
4=YELLOW LEFT, GREEN RIGHT
5=GREEN LEFT, GREEN RIGHT
A=BI-COLOUR GREEN/YELLOW LEFT
BI-COLOUR GREEN/YELLOW RIGHT
D=GREEN LEFT
BI-COLOUR GREEN/YELLOW RIGHT
E=YELLOW LEFT
BI-COLOUR GREEN/YELLOW RIGHT

TAIL LENGTH AND MOUNTING HOLE THREAD OPTION
0= TAIL LENGTH A=2.54 [.100], #4-40 UNC THREAD
B= TAIL LENGTH A=3.81 [.150], #4-40 UNC THREAD
M= TAIL LENGTH A=2.54 [.100], M3 x 0.5 THREAD
P= TAIL LENGTH A=3.81 [.150], M3 x 0.5 THREAD

SINGLE PORT

NOTES:

1. MATERIAL:
   ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
   - SHELL - DIECAST ZINC, NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE WITH 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
   - INSERTS - ENGINEERING THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE
   - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
   - GASKET - SILICONE RUBBER, BLACK
2. ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF PANEL.
3. CURRENT RATING: 1.5 AMPERES
4. CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM
5. OPERATING TEMPERATURE: -40°C TO +105°C
6. LED CHARACTERISTICS: FORWARD DC CURRENT 25 mA MAX., FORWARD VOLTAGE 2.5 V MAX@ 2 mA
7. AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
8. CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

SPECIAL CONNECTORS
MANY UNIQUE FEATURES ARE READILY AVAILABLE TO SUIT CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL CANADA FOR DETAILS.

UNLESS SPECIFIED OTHERWISE	DRAWN S.SEMENOV	NOV11/04
PRIMARY UNITS MILLIMETERS	CHECKED	
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APPR. A. GREEN	NOV11/04
1 DECIMAL PLACE	ENG. REL. NO.	
2 DECIMAL PLACES ±0.15	REF.	
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES		

Amphenol Canada Corp.
www.amphenolcanada.com

MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, WITH LED, TAIL LENGTH & THREAD OPTIONS, RoHS COMPLIANT

DWG. NO. P-MRJ-53XX-X1 REV M

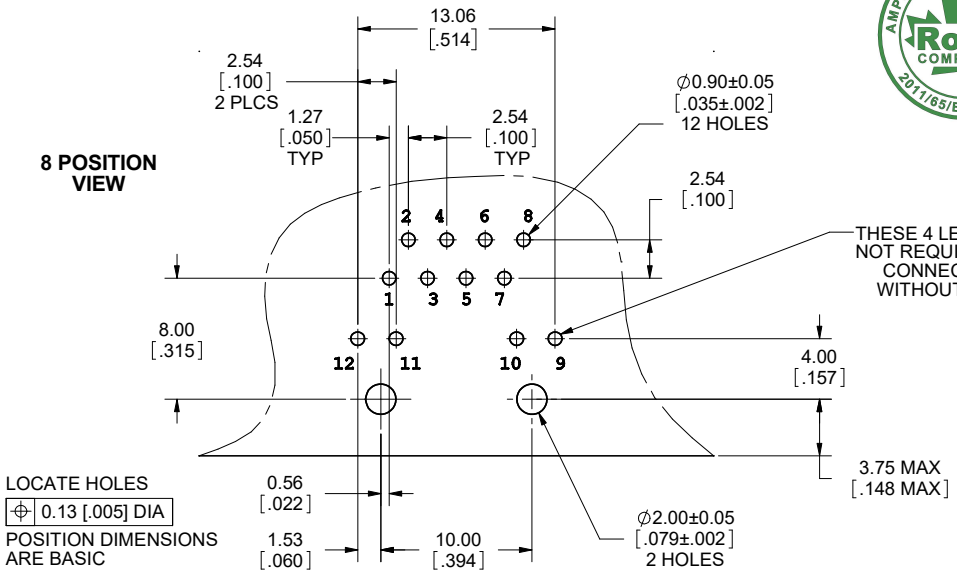
CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 1 OF 2

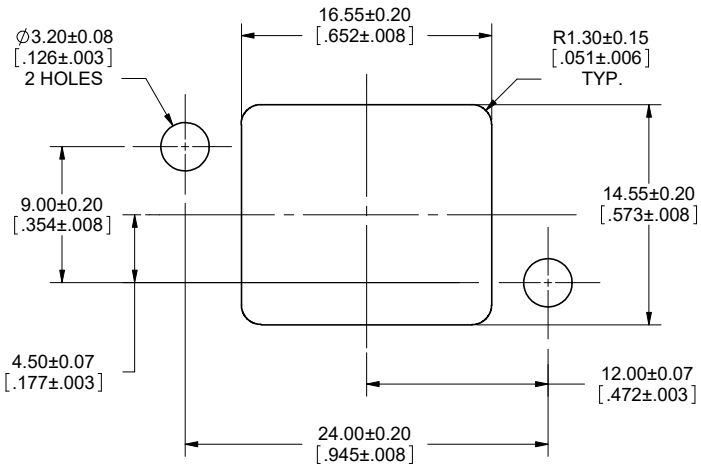
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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
L	PRODUCT DRAWING (EAR 14330)	DEC11/14	K.L
M	PRODUCT DRAWING (EAR 14911)	NOV30/20	K.L

RECOMMENDED P.C.B. LAYOUT

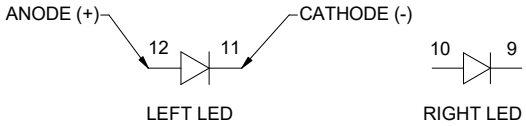
COMPONENT SIDE OF BOARD





RECOMMENDED PANEL CUTOUT

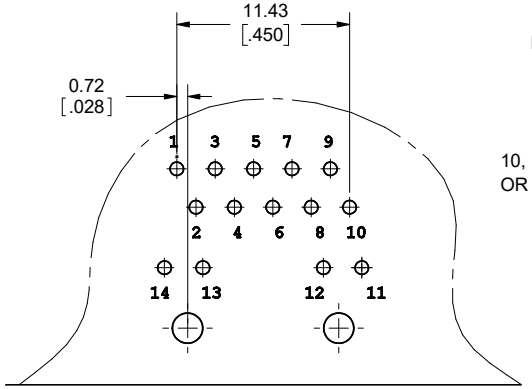
FRONT OF PANEL



8 POSITION LED SCHEMATIC

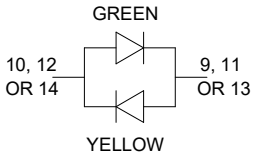
GREEN OR YELLOW

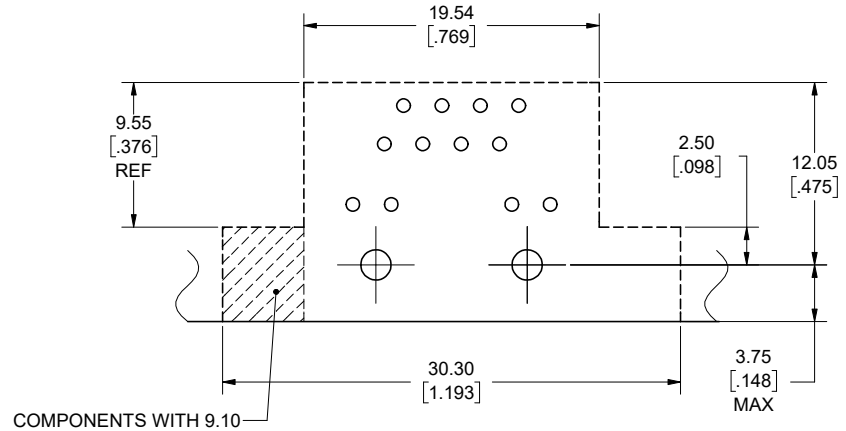
10 POSITION VIEW



BI-COLOUR LED SCHEMATIC

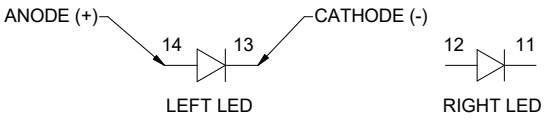
LEFT OR RIGHT SIDE, 8 OR 10 POSITION





RECOMMENDED KEEP-OUT ZONE

COMPONENT SIDE OF BOARD



10 POSITION LED SCHEMATIC

GREEN OR YELLOW

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UNLESS SPECIFIED OTHERWISE	DRAWN S. SEMENOV	NOV11/04
PRIMARY UNITS MILLIMETERS	CHECKED	
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REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APPR. A. GREEN	NOV11/04
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2 DECIMAL PLACES ±0.15	REF.	
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES		

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DWG. NO. P-MRJ-53XX-X1 REV M

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 2 OF 2