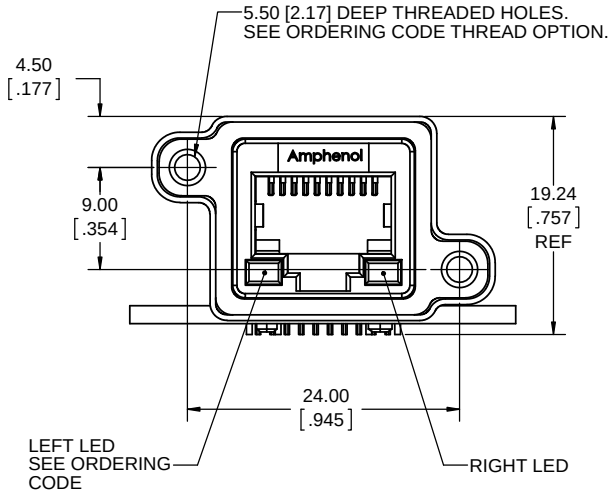
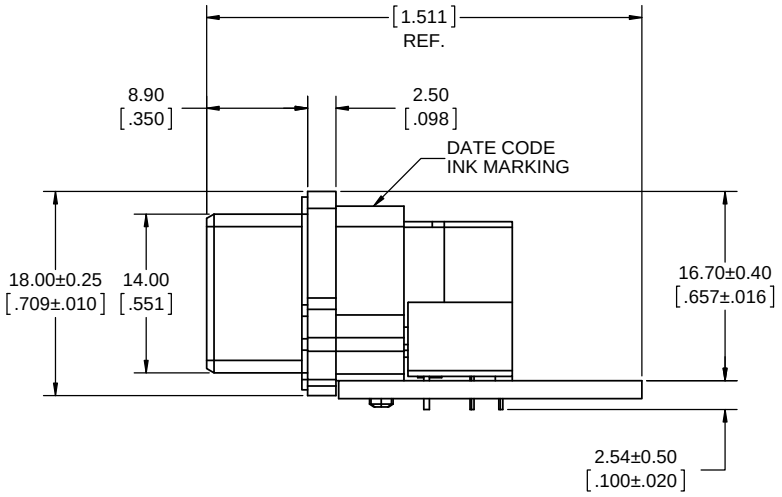
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PRODUCT DRAWING (EAR 14166)	APR18/13	K.L.





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

SERIES, RUGGED RJ

RECEPTACLE, RIGHT ANGLE,
ON PCB WITH HOLES FOR WIRING

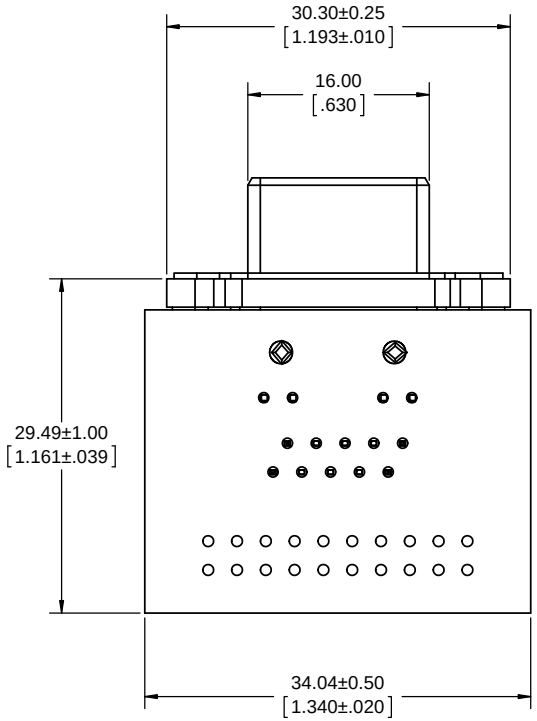
NUMBER OF CONTACTS:
8 = 8 CONTACTS
A = 10 CONTACTS

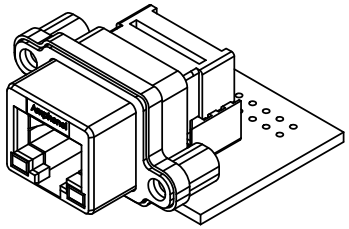
LED OPTION:
0 = NONE
1 = LEFT GREEN, RIGHT YELLOW
4 = LEFT YELLOW, RIGHT GREEN
5 = LEFT GREEN, RIGHT GREEN

MOUNTING HOLE THREAD OPTION:
0 = #4-40 UNC THREAD
M = M3 X 0.5 THREAD

SINGLE PORT

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





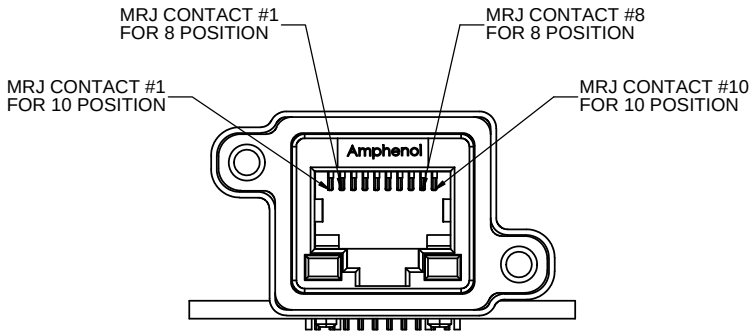
NOTES:

1. MATERIAL:
   ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
   - SHELL - DIECAST ZINC ALLOY, NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE WITH 1.27 µm [50 µ"] GOLD OVER 1.27 µm [50 µ"] MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
   - INSERTS - ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0
     REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE
   - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
   - GASKET - SILICONE RUBBER
   - PCB - FR-4 FIBERGLASS, LEAD FREE
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: 50 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION).
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. RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS: 0.45 TO 0.65 Nm [4.0 TO 5.75 IN-LBS] FOR STEEL SCREWS WITH 3.00 [.118] MINIMUM THREAD ENGAGEMENT.
9. CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.

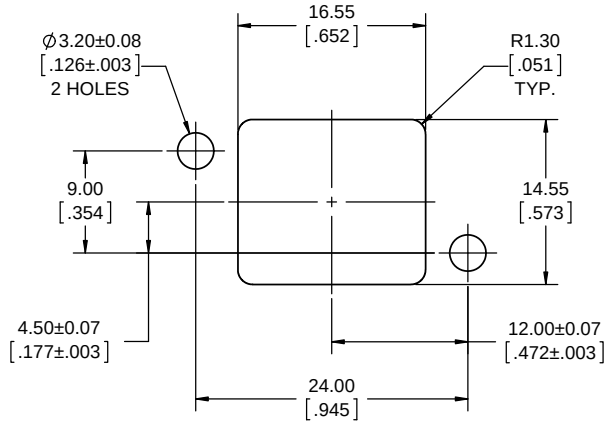
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UNLESS SPECIFIED OTHERWISE	DRAWN L.KIM	MAR08/07	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		MRJ SERIES RUGGED MODULAR JACK, 8 OR 10 POSITION, RIGHT ANGLE, ON PCB WITH HOLES FOR WIRING, RoHS COMPLIANT
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR. A.GREEN	MAR08/07	
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.		DWG. NO. P-MRJ-5AXX-X1 REV E
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 3:1 SHEET 1 OF 2
ANGULAR DEGREES			

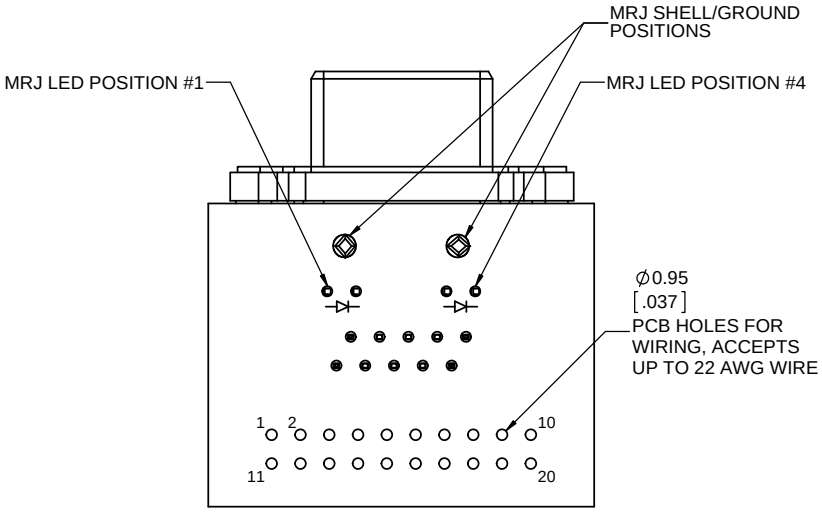
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PRODUCT DRAWING (EAR 14166)	APR18/13	K.L.

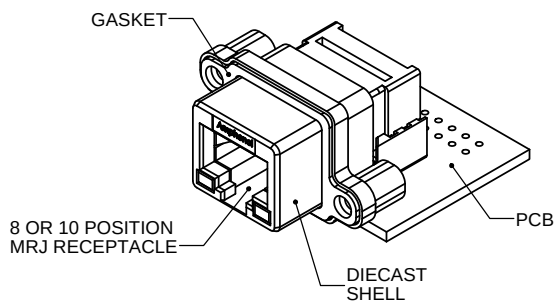


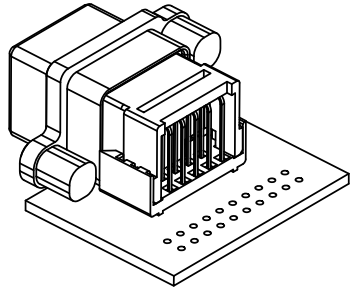
MRJ TO PCB CONNECTIONS		
MRJ 8 POSITION	**MRJ 10 POSITION**	**PCB**
SHELL/GROUND	SHELL/GROUND	10
-	1	2
1	2	12
2	3	3
3	4	13
4	5	4
5	6	14
6	7	5
7	8	15
8	9	**6**
-	10	16
LED 1	LED 1	1
LED 2	LED 2	11
LED 3	LED 3	7
LED 4	LED 4	17



RECOMMENDED PANEL CUTOUT
OUTSIDE PANEL VIEW







AMPHENOL CANADA CORP. RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN L.KIM	MAR08/07
PRIMARY UNITS MILLIMETERS	CHECKED	
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APPR. A.GREEN	MAR08/07
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 OR 10 POSITION, RIGHT ANGLE,
ON PCB WITH HOLES FOR WIRING,
RoHS COMPLIANT

DWG. NO.	REV
P-MRJ-5AXX-X1	E

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

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