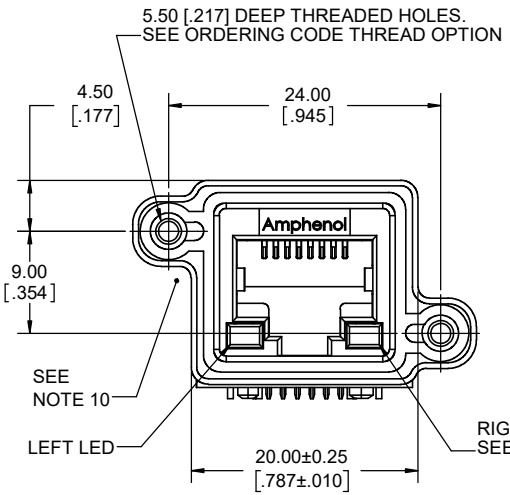
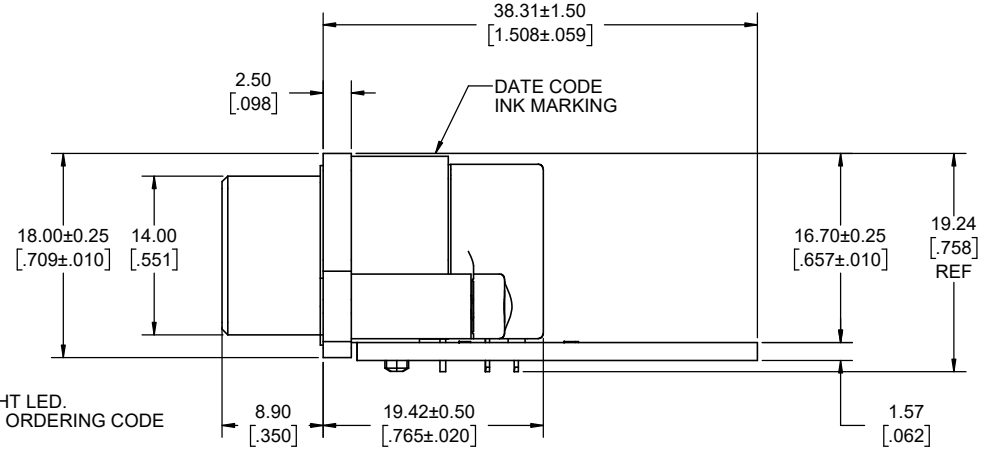
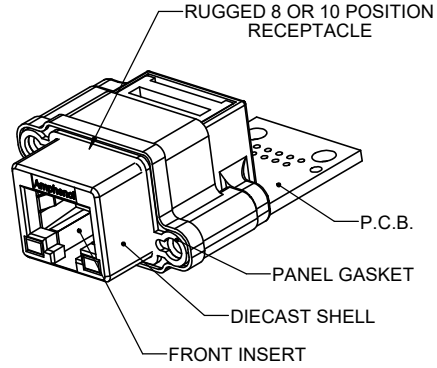
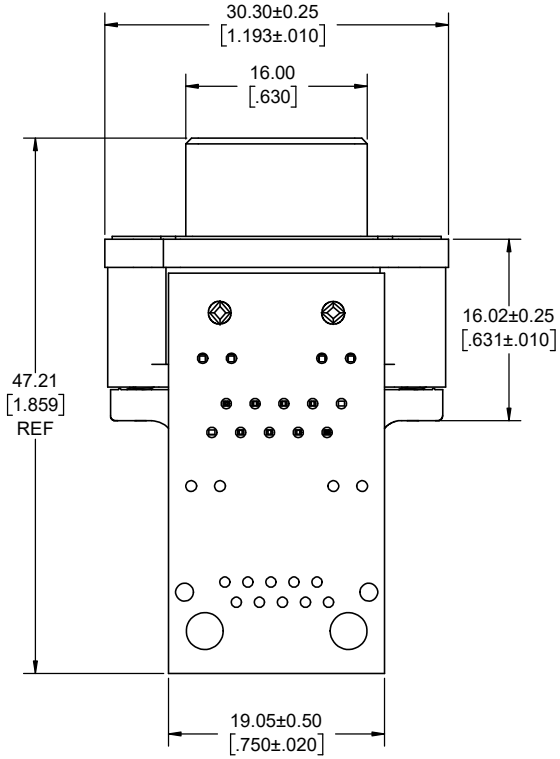
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15176)	MAY20/22	E.Q.









ORDERING CODE: M R J R - 5 C X X - X C

SERIES, RUGGED RJ

RECEPTACLE, RIGHT ANGLE
ON PCB WITH HOLES FOR WIRING

NUMBER OF CONTACTS:
8 = 8
A = 10

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
EXTRA SHELL CLEARANCE
NEAR MOUNTING HOLES

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, NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE WITH 1.27µm [50µ"] GOLD OVER 1.27µm [50µ"] MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
   - INSERTS - ENGINEERING THERMOPLASTIC, UL94V-0 FLAMMABILITY RATING, REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE
   - PANEL GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
   - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
   - PCB - FR-4 FIBERGLASS, LEAD FREE, UL94-V0 FLAMMABILITY RATING
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: 80 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION)
5. OPERATING TEMPERATURE: -40C TO +105C
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] THREAD ENGAGEMENT.
9. CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.
10. COMPARED TO DRAWING P-MRJR-5CXX-X1, PARTS ON THIS DRAWING HAVE EXTRA CLEARANCE NEAR THE SHELL MOUNTING HOLES (2 PLCS).

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN	ED.LIU	APR27/22
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	E.QU	MAY20/22
1 DECIMAL PLACE	ENG. REL. NO.	EAR 15176	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

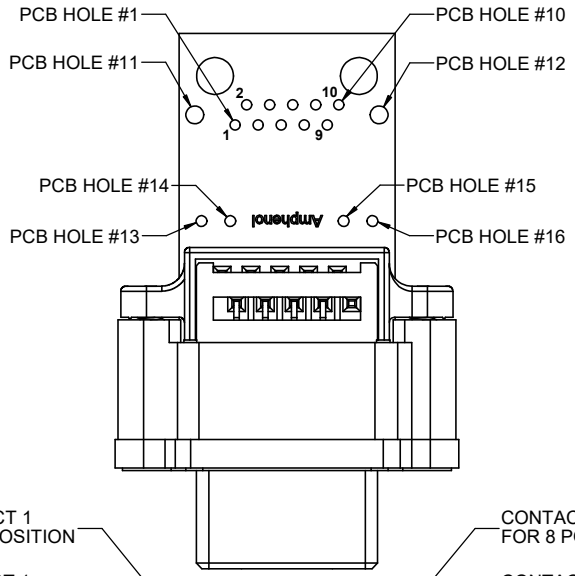
Amphenol Canada Corp.
Commercial Products

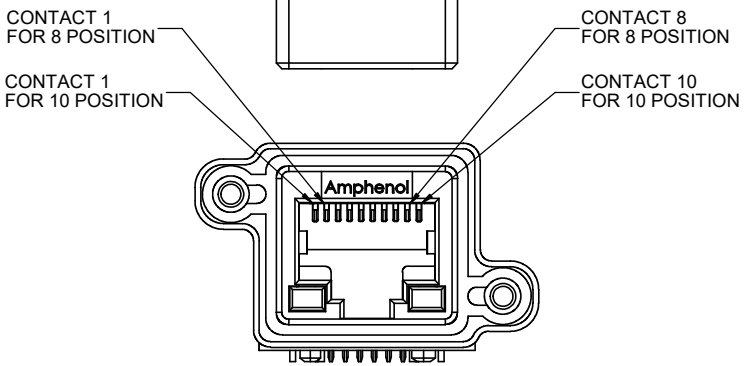
MRJR SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, ON PCB WITH HOLES FOR WIRING, LED & THREAD OPTIONS, EXTRA SHELL CLEARANCE, RoHS COMPLIANT

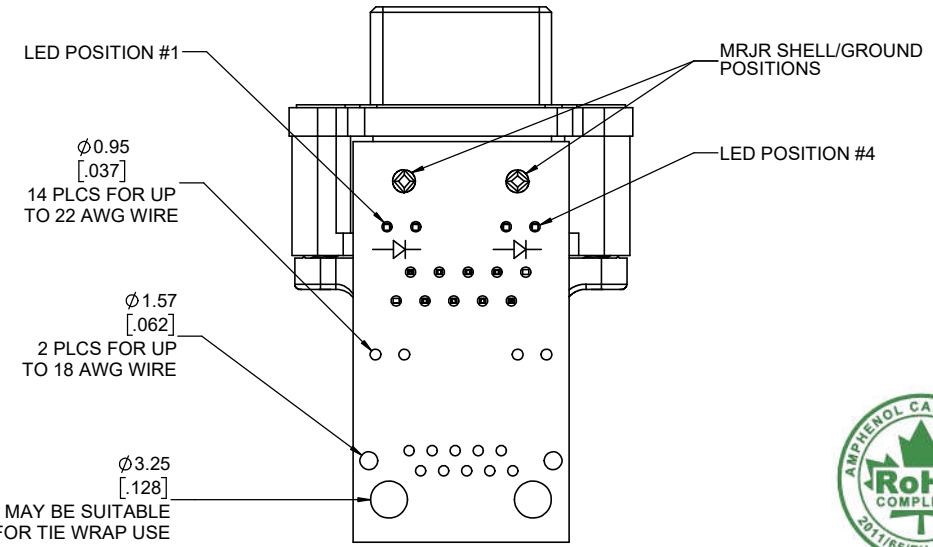
DWG. NO.	REV
P-MRJR-5CXX-XC	A

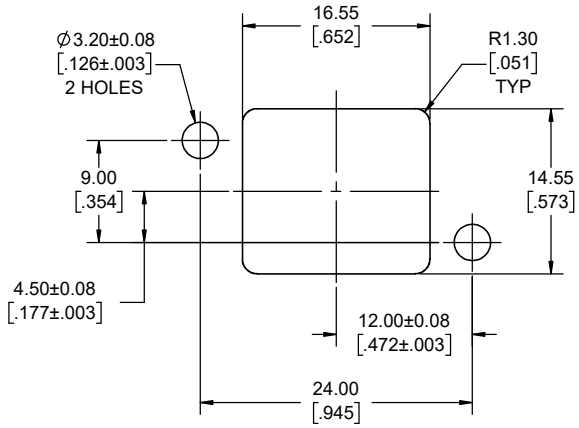
CODE ID NO. 03554 | DWG SIZE: X | SCALE: 3:1 | SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15176)	MAY20/22	E.Q.









RECOMMENDED PANEL CUTOUT
OUTSIDE PANEL VIEW

MRJR TO PCB HOLE CONNECTIONS TABLE

MRJR CONNECTOR STYLE		PCB HOLE NUMBER
8 POSITION	10 POSITION	
SHELL/GROUND	SHELL/GROUND	11 & 12
-	1	1
1	2	2
2	3	3
3	4	4
4	5	5
5	6	6
6	7	7
7	8	8
8	9	9
-	10	10
LED 1	LED 1	13
LED 2	LED 2	14
LED 3	LED 3	15
LED 4	LED 4	16

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

Amphenol Canada Corp.
Commercial Products

MRJR SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, ON PCB WITH HOLES FOR WIRING, LED & THREAD OPTIONS, EXTRA SHELL CLEARANCE, RoHS COMPLIANT

DWG. NO.	REV
P-MRJR-5CXX-XC	A

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