

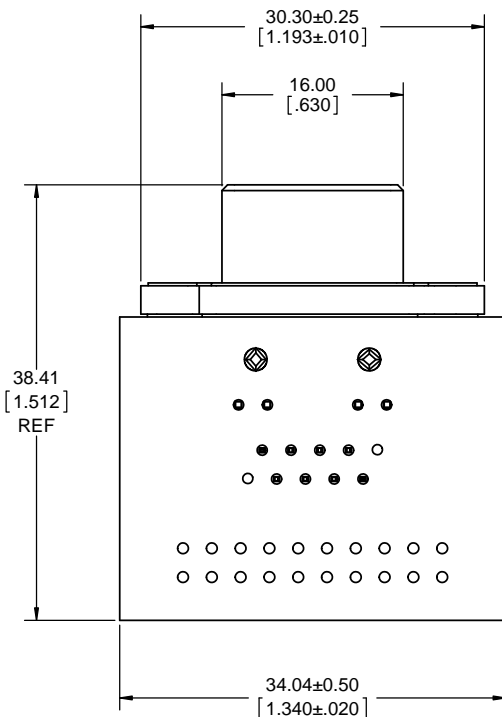
ORDERING CODE: **MRJR-5AXX-X1**

SERIES, RUGGED RJ
RECEPTACLE, RIGHT ANGLE ON SHORT 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

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

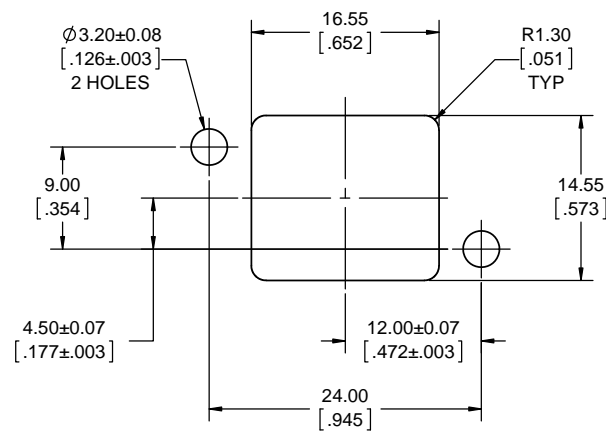
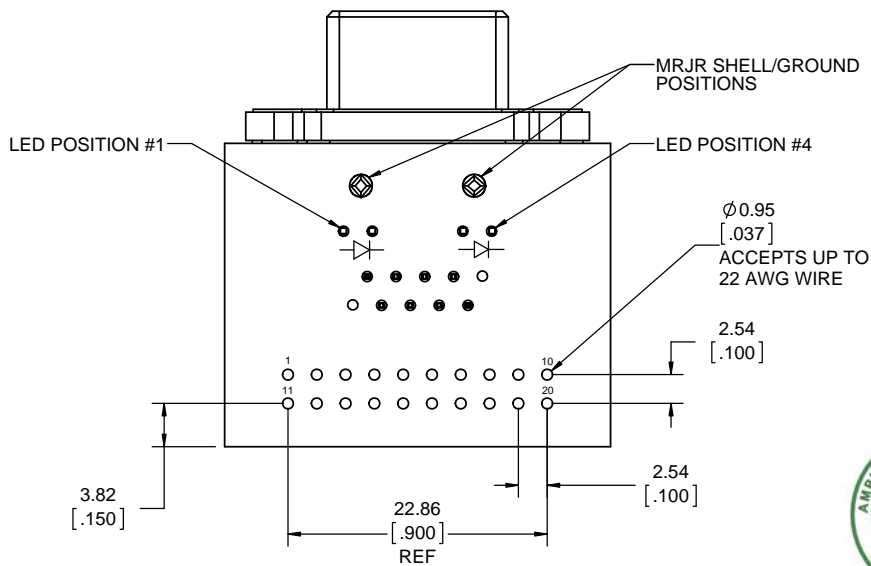
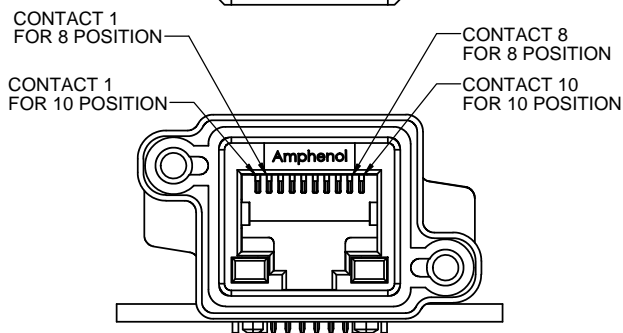
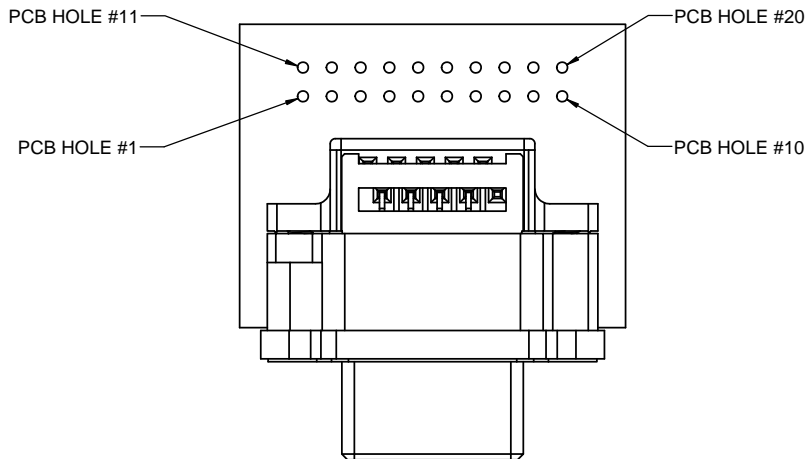
NOTES:

- 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
- 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.
- CURRENT RATING:** 1.5 AMPERES
- CONTACT RESISTANCE:** 80 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION)
- OPERATING TEMPERATURE:** -40C TO +105C
- LED CHARACTERISTICS:** FORWARD DC CURRENT 25 mA MAX, FORWARD VOLTAGE 2.5 V MAX @ 2 mA
- AVAILABLE MATING AREA COVERS** PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
- 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.
- CUSTOMER TO VERIFY** THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.



UNLESS SPECIFIED OTHERWISE	DRAWN	D.WENG	JAN07/13
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	JAN31/13
1 DECIMAL PLACE	ENG. REL. NO.	EAR 13977	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp. www.amphenolcanada.com			
MRJR SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, ON SHORT PCB WITH HOLES FOR WIRING, LED & THREAD OPTIONS, RoHS COMPLIANT			
DWG. NO.		REV	
P-MRJR-5AXX-X1		A	
CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:1	SHEET 1 OF 2



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	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
LED1	LED1	1
LED2	LED2	11
LED3	LED3	7
LED4	LED4	17



UNLESS SPECIFIED OTHERWISE	DRAWN	D.WENG	JAN07/13
PRIMARY UNITS MILLIMETERS	CHECKED		
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P-MRJR-5AXX-X1

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