



**ORDERING CODE: MRJR-578X-XC**

SERIES, RUGGED RJ

RECEPTACLE, RIGHT ANGLE, ON PCB WITH STANDARD RJ, 8 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, EXTRA CLEARANCE NEAR SHELL MOUNTING HOLES

**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, UL94V-0.
  - STANDARD RJ RECEPTACLE: AMPHENOL P/N RJHSE-5F80, PHOSPHOR BRONZE CONTACTS WITH 1.27µm [50µ"] GOLD OVER NICKEL ON MATING AREA, BLACK NYLON INSERT AND STAINLESS STEEL SHIELD.
- 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 2.5V MAX. @ 2 mA
- RECOMMENDED TORQUE** FOR PANEL MOUNT SCREWS: 0.45 TO 0.65 N-m (4.0 TO 5.75 IN-LBS) FOR STEEL SCREWS WITH 3.00 (.118) THREAD ENGAGEMENT.
- AVAILABLE MATING AREA** COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
- CUSTOMER TO VERIFY** THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.
- COMPARED TO DRAWING P-MRJR-578X-X1**, PARTS ON THIS DRAWING HAVE EXTRA CLEARANCE NEAR THE SHELL MOUNTING HOLES (2 PLCS).



UNLESS SPECIFIED OTHERWISE		DRAWN I. FOUK ALADEH	SEP14/17
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	SEP20/17	
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES		DWG APPR.	
1 DECIMAL PLACE	ENG. REL. NO. EAR 14605		
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES			
ANGULAR DEGREES	THIRD ANGLE SCALE PROJECTION	DO NOT SCALE DRAWING	

**Amphenol Canada Corp.**  
www.amphenolcanada.com

MRJR SERIES RUGGED MODULAR JACK, RIGHT ANGLE, ON PCB WITH STANDARD RJ, 8 CONTACTS, LED & THREAD OPTIONS, EXTRA SHELL CLEARANCE, RoHS COMPLIANT

P-MRJR-578X-XC

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

