MRJR  -  54 X X  -  X F

SERIES RUGGED RJ

2 PLCS, VERTICAL PCB TAIL

NUMBER OF CONTACTS

8 = 8 CONTACTS

A = 10 CONTACTS

LED OPTION

G = NONE

1 = LEFT GREEN, RIGHT YELLOW

4 = LEFT YELLOW, RIGHT GREEN

5 = LEFT GREEN, RIGHT GREEN

A = BI-COLOUR GREEN/YELLOW LEFT

BI-COLOUR GREEN/YELLOW RIGHT

D = GREEN LEFT

BI-COLOUR GREEN/YELLOW RIGHT

TAIL LENGTH & MOUNTING HOLE

THREAD OPTION

G = "A" 2.54 [100], #4-40 UNC

B = "A" 3.81 [150], #4-40 UNC

M = "A" 2.54 [100], M3 x 0.5

P = "A" 3.81 [150], M3 x 0.5

SINGLE PORT WITH THREADED 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 2002/95/EC AND AMENDMENTS

- SHELL - DIECAST ZINC, NICKEL PLATED
- CONTACTS - PHOSPHOR BRONZE WITH 1.27µm [50µ"] MIN. GOLD OVER 1.27µm [50µ"] MIN. NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
- INSERTS - ENGINEERING THERMOPLASTIC, UL94V-0 REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE.
- GASKET: SILICONE RUBBER, CONDUCTIVE, BLACK.
- LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING.

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 +150°C.

6. LED CHARACTERISTICS: FORWARD DC CURRENT 25 mA MAX., FORWARD VOLTAGE 2.5V MAX., @ 2 mA.

7. 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.

8. CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.

9. AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
8 POSITION VIEW
LOCATE HOLES 
0.13 [.005] DIA
POSITION DIMENSIONS ARE BASIC.

10 POSITION VIEW
LOCATE HOLES
0.13 [.005] DIA
POSITION DIMENSIONS ARE BASIC.

RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD

THESE 4 HOLES (9-12) NOT REQUIRED FOR CONNECTORS WITHOUT LED'S

THESE 4 HOLES (11-14) NOT REQUIRED FOR CONNECTORS WITHOUT LED'S

8 POSITION LED SCHEMATIC
GREEN OR YELLOW

10 POSITION LED SCHEMATIC
GREEN OR YELLOW

BI-COLOUR LED SCHEMATIC
LEFT OR RIGHT SIDE, 8 OR 10 POSITION

RECOMMENDED PANEL CUTOUT
OUTSIDE PANEL VIEW

Ref.: MRJR SERIES MODULAR JACK
10 POSITION, 8 OR 10 CONTACTS, VERTICAL PCB TAIL, LED, THREAD & TAIL LENGTH OPTIONS, RoHS COMPLIANT