

ORDERING CODE: **MRJ-548X-XF**

- SERIES, RUGGED RJ
- RECEPTACLE
- VERTICAL MOUNT
- NUMBER OF CONTACTS
- LED OPTION
  - 0 - NONE
  - 1 - GREEN LEFT, YELLOW RIGHT
  - 4 - YELLOW LEFT, GREEN RIGHT
  - 5 - GREEN LEFT, GREEN RIGHT
- TAIL LENGTH AND MOUNTING HOLE THREAD OPTIONS
  - 0 - TAIL LENGTH A=2.54 [.100], #4-40 UNC THREAD
  - B - TAIL LENGTH A=3.81 [.150], #4-40 UNC THREAD
  - M - TAIL LENGTH A=2.54 [.100], M3 x 0.5 THREAD
  - P - TAIL LENGTH A=3.81 [.150], M3 x 0.5 THREAD
- SINGLE PORT WITH GASKET FOR REAR PANEL MOUNT AND BLIND MTG HOLES

**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 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
  - INSERTS - ENGINEERING THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, REAR INSERTS: BLACK, FRONT INSERT: CLEAR
  - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
  - GASKET - SILICONE RUBBER
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 +105°C.
6. AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.

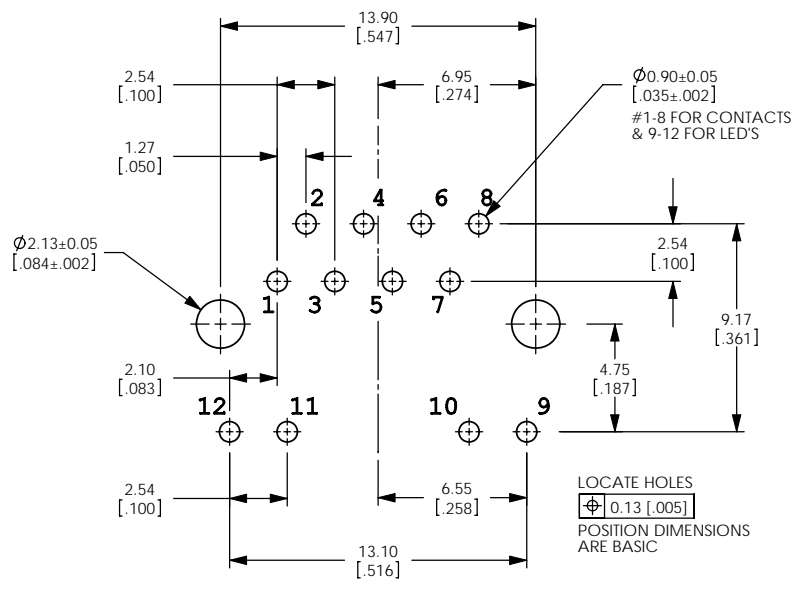


METAL DIECAST SHELL

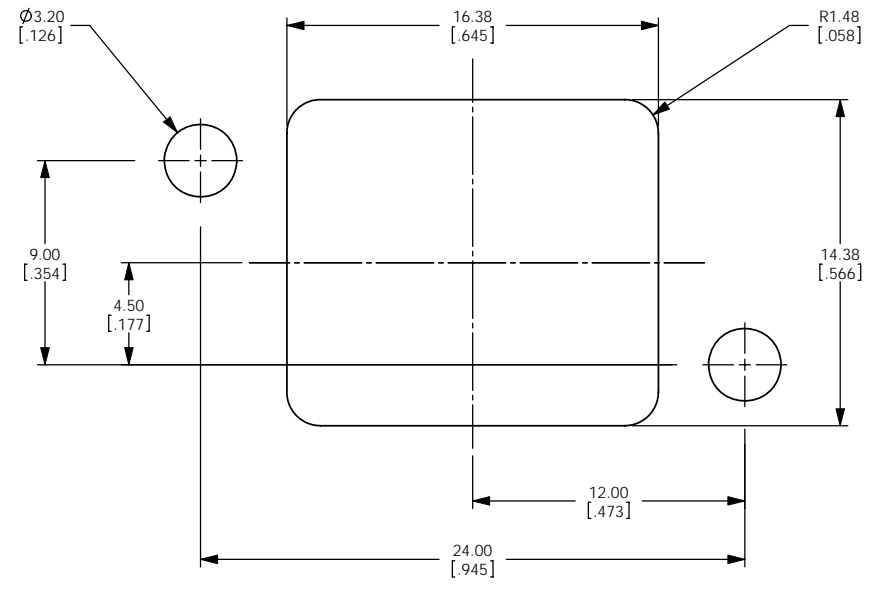
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UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.
DIMENSIONS ARE IN MILLIMETERS		FEB22/08	
FRACTIONAL ±	DRAWN G.LI	DESIGNED	MRJ SERIES RUGGED MODULAR JACK, 8 POSITION VERTICAL, LED, THREAD & TAIL OPTIONS, REAR PANEL MOUNT, BLIND MOUNTING, RoHS COMPLIANT
ANGULAR MATCH BEND ±	CHECKED K.LAMBE	FEB22/08	
TWO PLACE DECIMAL	I.E. APPRD.		SIZE DWG. NO.
THREE PLACE DECIMAL ±	DWG. APPRD.		<b>C</b> P-MRJ-548X-XF <b>A</b>
INTERPRET GEOMETRIC TOLERANCING PER:	ENG. REL. NO. EAR 13229		REV
MATERIAL	REF.		
FINISH	DIMENSIONS ARE IN MILLIMETERS	CODE ID. NO.	
APPLICATION	DO NOT SCALE DRAWING		SCALE: 3:1 WEIGHT: SHEET 1 OF 2

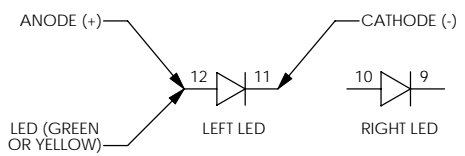
REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DRAWING (EAR 13229)	FEB22/08	K.L.



**RECOMMENDED P.C.B. LAYOUT**  
(COMPONENT SIDE OF BOARD)



**RECOMMENDED PANEL CUTOUT**  
(FRONT OF PANEL)



**LED POLARITY**



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UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.
DIMENSIONS ARE IN MILLIMETERS		FEB21/08	
TOLERANCES:		DRAWN G. LI	MRJ SERIES RUGGED MODULAR JACK, 8 POSITION VERTICAL, LED, THREAD & TAIL OPTIONS, REAR PANEL MOUNT, BLIND MOUNTING, RoHS COMPLIANT
FRACTIONAL ±		DESIGNED	
ANGULAR MATCH ± BEND ±		CHECKED K. LAMBE	
TWO PLACE DECIMAL ±		I.E. APPRD.	
THREE PLACE DECIMAL ±		D.A. APPRD.	SIZE DWG. NO.
INTERPRET GEOMETRIC TOLERANCING PER:		DWG. APPRD.	<b>C</b> P-MRJ-548X-XF
MATERIAL		ENG. REL. NO. EAR 13229	REV
FINISH		REF.	<b>A</b>
APPLICATION	DO NOT SCALE DRAWING	DIMENSIONS ARE IN MILLIMETERS	SCALE: 3:1
NEXT ASSY	USED ON	CODE ID. NO.	SHEET 2 OF 2