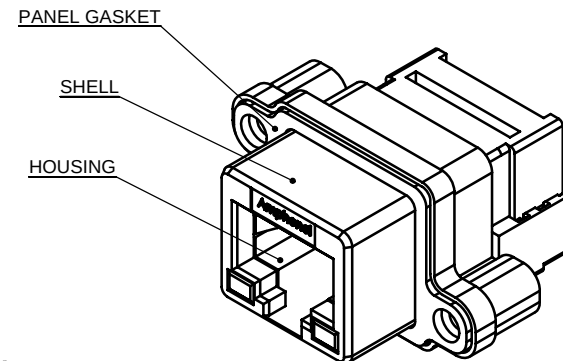
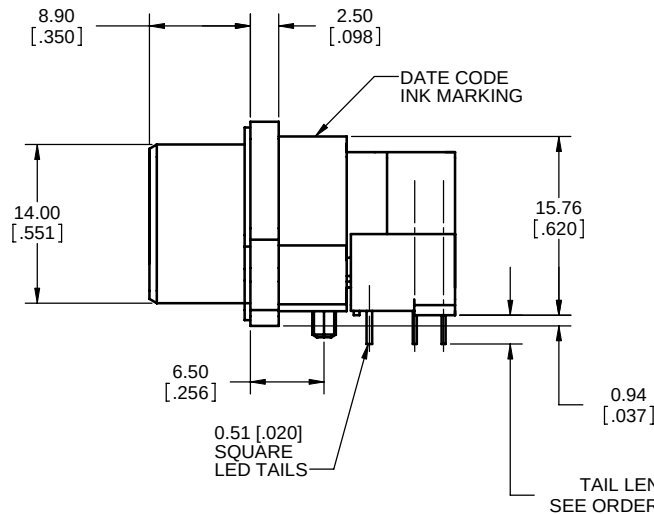
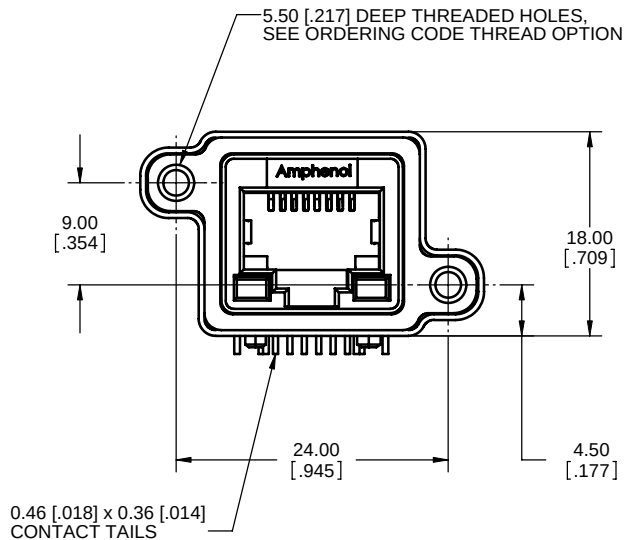
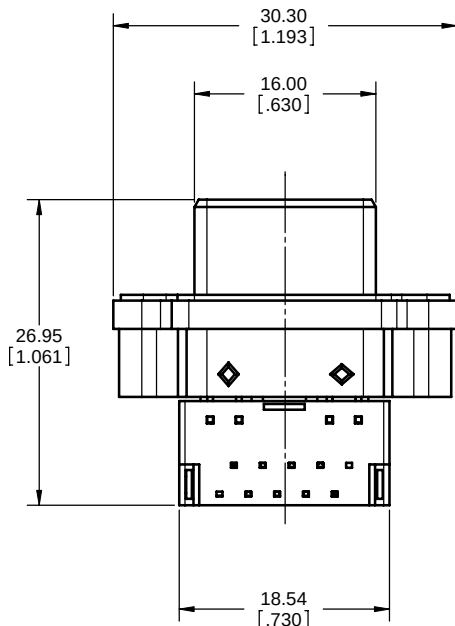


REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
G	PRODUCT DRAWING	JAN18/08	K.L.



NOTES:

- 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
- ENVIRONMENTAL PERFORMANCE** PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES FOR SEAL TO INSIDE FACE OF PANEL.
- CURRENT RATING:** 1.5 AMPERES
- CONTACT RESISTANCE:** 30 MILLIOHMS MAXIMUM
- OPERATING TEMPERATURE:** -40C TO +105C
- CONNECTOR SEAL** TO WITHSTAND 34.5 KPa (5 PSI) PRESSURE AFTER TEMPERATURE EXPOSURE OF 150°C FOR 180 SECONDS (CONNECTOR PRE-HEAT) AND 265 °C FOR 8 SECONDS (SOLDER DIP TAILS).
- RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS:** 0.45 TO 0.65 Nm (4.00 - 5.75 IN-LBS) FOR STEEL SCREWS WITH 3.00 (.118) THREAD ENGAGEMENT.



ORDERING CODE: **MRJ-53XX-X1**

SERIES, RUGGED RJ
RECEPTACLE, RIGHT ANGLE,
PCB TAIL

NUMBER OF CONTACTS
8= 8 CONTACTS
A=10 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 OPTION
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

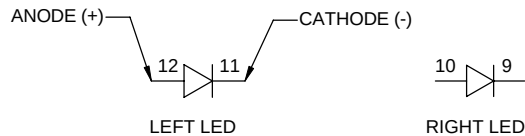
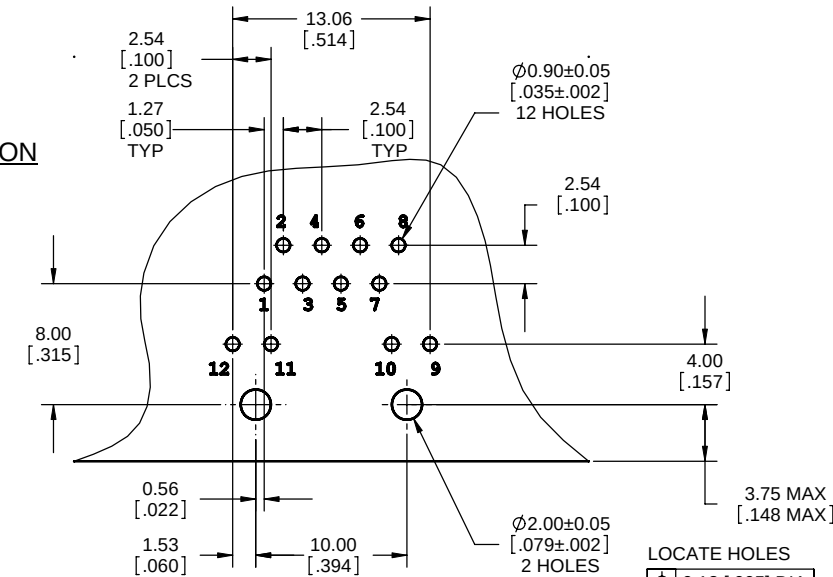
SINGLE PORT

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AMPHENOL CANADA CORP.

		UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.
		DIMENSIONS ARE IN MILLIMETERS	DRAWN	S.SEMENOV	
		TOLERANCES:	DESIGNED	S.SEMENOV	
		FRACTIONAL: ±	CHECKED		
		ANGULAR: MACH ± BEND ±	I.E. APPRD.		
		TWO PLACE DECIMAL ±	Q. A. APPRD.		MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, WITH LED, TAIL LENGTH & THREAD OPTIONS, RoHS COMPLIANT
		THREE PLACE DECIMAL ±	DWG. APPRD.	A.GREEN	
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG. REL. NO.		
		MATERIAL	REF.		
		FINISH	DIMENSIONS ARE IN MILLIMETERS	CODE ID. NO.	
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING		SIZE DWG. NO. C P-MRJ-53XX-X1
					REV G
					SCALE: 3:1 WEIGHT: SHEET 1 OF 2

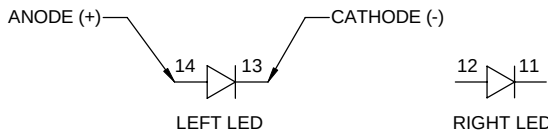
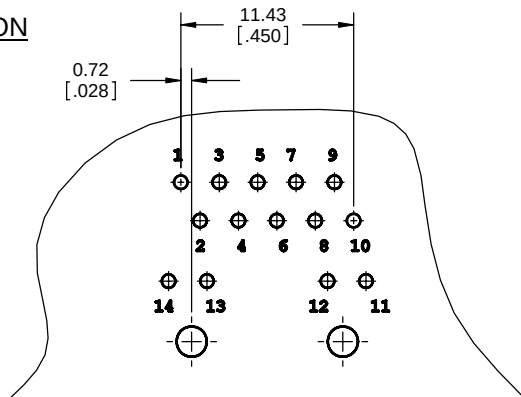
RECOMMENDED P.C.B. LAYOUT

8 POSITION VIEW



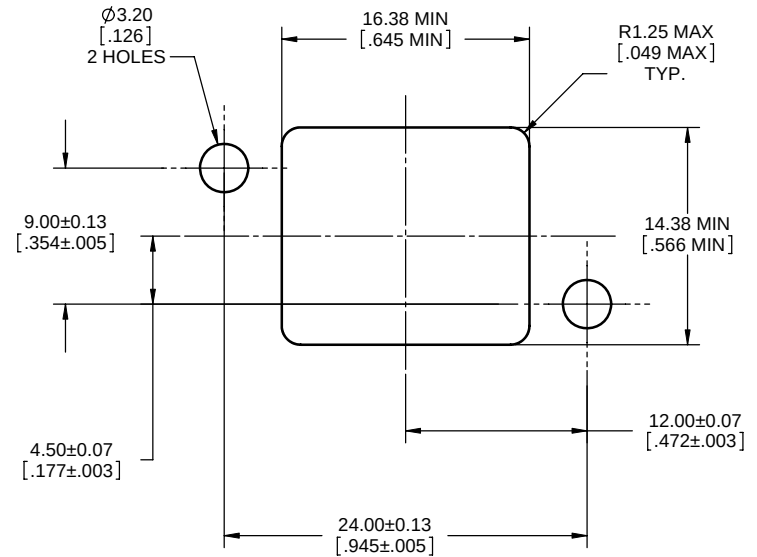
8 POSITION LED SCHEMATIC (GREEN OR YELLOW)

10 POSITION VIEW



10 POSITION LED SCHEMATIC (GREEN OR YELLOW)

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
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RECOMMENDED PANEL CUTOUT



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UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.	
DIMENSIONS ARE IN MILLIMETERS	DRAWN S. SEMENOV	NOV11/04	MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, WITH LED, TAIL LENGTH & THREAD OPTIONS, RoHS COMPLIANT	
TOLERANCES:	DESIGNED S. SEMENOV	NOV11/04		
FRACTIONAL ±	CHECKED			
ANGULAR: MACH ± BEND ±	I.E. APPRD.			
TWO PLACE DECIMAL ±	Q. A. APPRD.		SIZE DWG. NO.	
THREE PLACE DECIMAL ±	DWG. APPRD. A. GREEN	NOV11/04	C P-MRJ-53XX-X1	
INTERPRET GEOMETRIC TOLERANCING PER:	REF.		REV	
MATERIAL	ENG. REL. NO.		G	
FINISH	REF.		SCALE: 4:1 WEIGHT: SHEET 2 OF 2	
APPLICATION	DO NOT SCALE DRAWING	DIMENSIONS ARE IN MILLIMETERS		