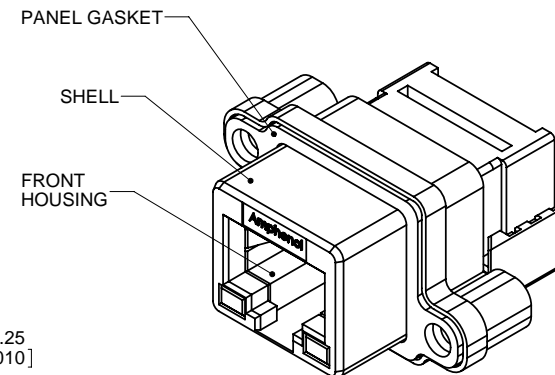
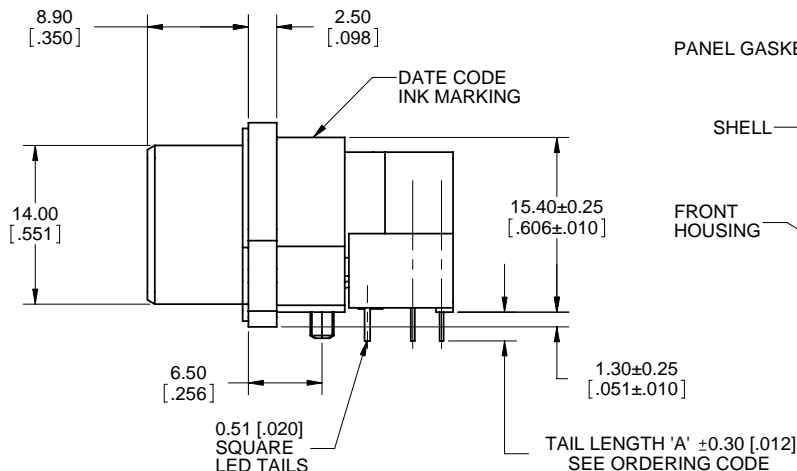
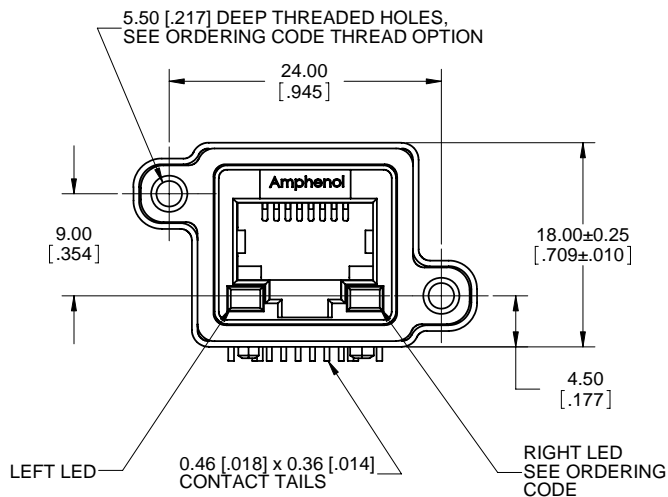


REVISIONS			
REV	DESCRIPTION	DATE	APPRD
K	PRODUCT DRAWING (EAR 13638)	DEC09/09	K.L.



ORDERING CODE: M R J - 5 3 X X - X 1

SERIES, RUGGED RJ  
RECEPTACLE, RIGHT ANGLE, PCB TAIL

NUMBER OF CONTACTS  
8= 8 CONTACTS  
A=10 CONTACTS

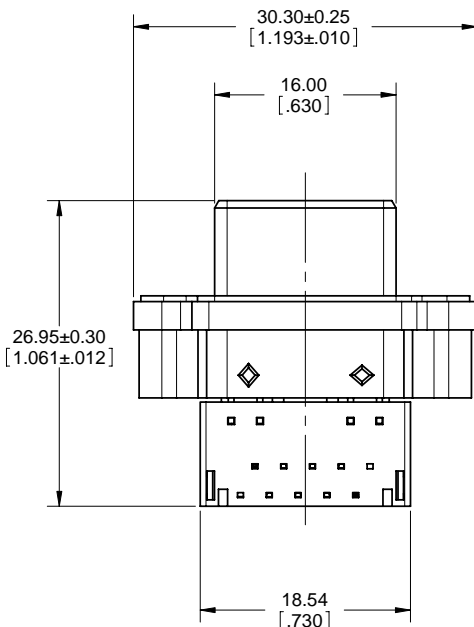
LED OPTION  
0=NONE  
1=GREEN LEFT, YELLOW RIGHT  
4=YELLOW LEFT, GREEN RIGHT  
5=GREEN LEFT, GREEN RIGHT  
A=BI-COLOUR GREEN/YELLOW LEFT  
BI-COLOUR GREEN/YELLOW RIGHT  
D=GREEN LEFT  
BI-COLOUR GREEN/YELLOW RIGHT  
E=YELLOW LEFT  
BI-COLOUR GREEN/YELLOW RIGHT

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

#### 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 NYLON, FRONT INSERT: CLEAR POLYCARBONATE
  - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
  - GASKET - SILICONE RUBBE
- 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: 30 MILLIOHMS MAXIMUM
- OPERATING TEMPERATURE: -40°C TO +105°C
- 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.
- CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.			
DECIMALS XX ± 0.15 X ±		ANGLES ±		DRAWN S.SEMENOV				
MATERIAL AND FINISH		DESIGNED S.SEMENOV		NOV11/04	TITLE	MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, WITH LED, TAIL LENGTH & THREAD OPTIONS, RoHS COMPLIANT		
		CHECKED						
		QA APP'D						
REF.		IE APP'D			SIZE	DWG. NO.	REV.	
					C	P-MRJ-53XX-X1	K	
CODE IDENT. NO.		DWG APP'D		A.GREEN	NOV11/04	SCALE	PROJECT	SHEET
						3:1	----	1 OF 2

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



DO NOT SCALE DRAWING  
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OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

