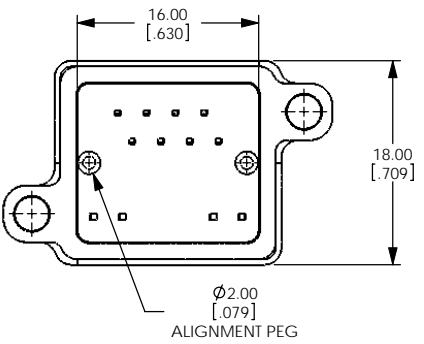


REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DRAWING	TBD	K.L.



ORDERING CODE: **MRJ - 518X - X1**

- SERIES, RUGGED RJ
- RECEPTACLE
- VERTICAL MOUNT WITH DUST COVER SUPPLIED
- NUMBER OF CONTACTS
- LED OPTION
  - 0=NONE
  - 1=GREEN LEFT, YELLOW RIGHT
  - 4=YELLOW LEFT, GREEN RIGHT
  - 5=GREEN LEFT, GREEN RIGHT
- CONTACT TAIL OPTION
  - 0: TAIL LENGTH A=2.54 [.100]
  - B: TAIL LENGTH A=3.81 [.150]
- 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 GOLD 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 & DUST COVER - SILICONE RUBBER
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES FOR SEAL TO OUTSIDE FACE OF PANEL. SUPPLIED DUST COVER PROVIDES ADDED PROTECTION.
- CURRENT RATING: 1.5 AMPERES
- CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM
- OPERATING TEMPERATURE: -40C TO +105C

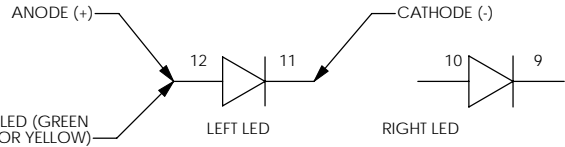
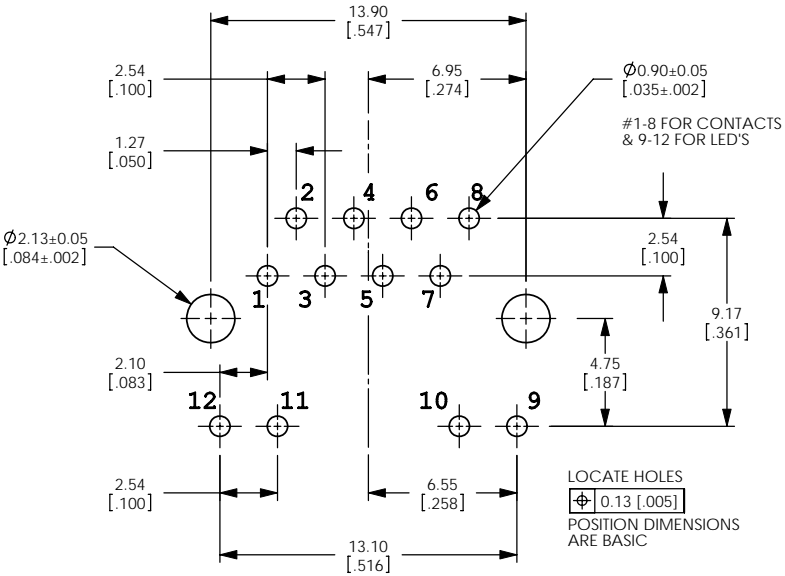


UNLESS OTHERWISE SPECIFIED:		DATE		Amphenol Canada Corp.	
DIMENSIONS ARE IN MILLIMETERS		DRAWN	A. DODDS	JUN28/07	
TOLERANCES:		DESIGNED			
FRACTIONAL: ±		CHECKED	K. LAMBE	TBD	
ANGULAR: MACH ± BEND ±		I.E. APPRD.			
TWO PLACE DECIMAL ±		D. A. APPRD.			
THREE PLACE DECIMAL ±		DWG. APPRD.			
INTERPRET GEOMETRIC TOLERANCING PER:		ENG. REL. NO. EAR E13132			
MATERIAL		REF.			
FINISH		DIMENSIONS ARE IN MILLIMETERS		CODE NO.	
NEXT ASSY	USED ON	APPLICATION		DO NOT SCALE DRAWING	

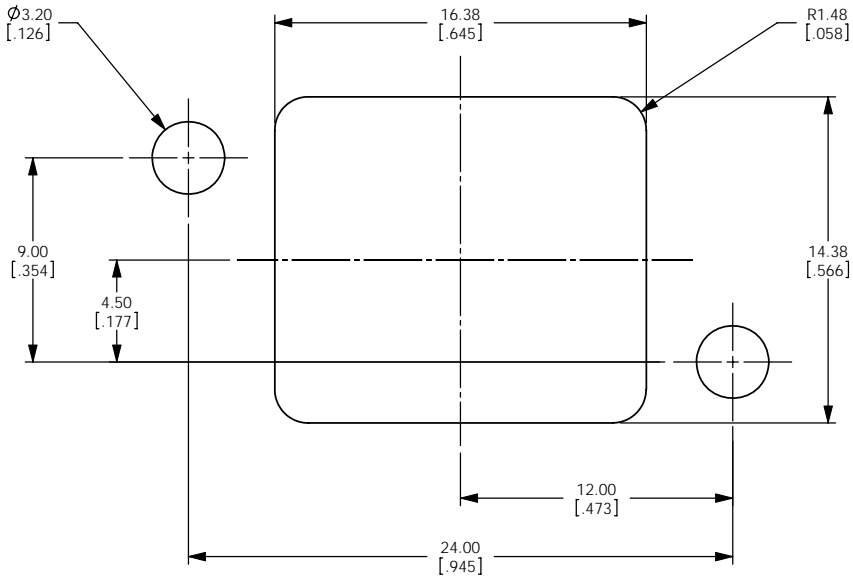
PROPRIETARY AND CONFIDENTIAL  
THIS DOCUMENT CONTAINS  
PROPRIETARY INFORMATION AND SUCH  
INFORMATION MAY NOT BE DISCLOSED  
TO OTHERS FOR ANY PURPOSE OR USED  
FOR MANUFACTURING PURPOSES  
WITHOUT WRITTEN PERMISSION FROM  
AMPHENOL CANADA CORP.

Amphenol Canada Corp.	
MRJ SERIES RUGGED MODULAR JACK, 8 POSITION VERTICAL, LED & TAIL LENGTH OPTIONS, FRONT PANEL MOUNT, DUST COVER, RoHS COMPLIANT	
SIZE DWG. NO.	REV
<b>C</b> P-MRJ-518X-X1	<b>A</b>
SCALE: 3:1	WEIGHT:
SHEET 1 OF 2	

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DRAWING	TBD	K.L.



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



RECOMMENDED PANEL CUTOUT  
(FRONT OF PANEL)



PROPRIETARY AND CONFIDENTIAL  
THIS DOCUMENT CONTAINS  
PROPRIETARY INFORMATION AND SUCH  
INFORMATION MAY NOT BE DISCLOSED  
TO OTHERS FOR ANY PURPOSE OR USED  
FOR MANUFACTURING PURPOSES  
WITHOUT WRITTEN PERMISSION FROM  
AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.	
DIMENSIONS ARE IN MILLIMETERS	DRAWN	A. DODDS	MRJ SERIES RUGGED MODULAR	
TOLERANCES:	DESIGNED		JACK, 8 POSITION VERTICAL,	
FRACTIONAL ±	CHECKED	K. LAMBE	LED & TAIL LENGTH OPTIONS,	
ANGULAR: MACH ± BEND ±	D. A. APPRD.		FRONT PANEL MOUNT, DUST	
TWO PLACE DECIMAL ±	ENG. REL. NO.	EAR E13132	COVER, RoHS COMPLIANT	
THREE PLACE DECIMAL ±	REF.			
INTERPRET GEOMETRIC	DWG. APPRD.			
TOLERANCING PER:	ENG. REL. NO.			
MATERIAL	CODE ID. NO.			
FINISH				
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			

SIZE DWG. NO. REV  
C P-MRJ-518X-X1 A

SCALE: 6:1 WEIGHT: SHEET 2 OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[MRJ5185B1](#)