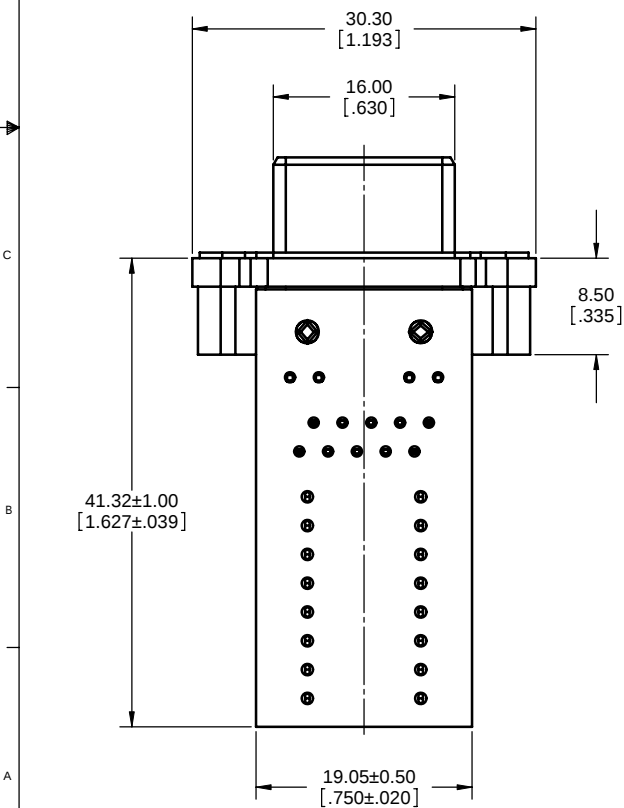
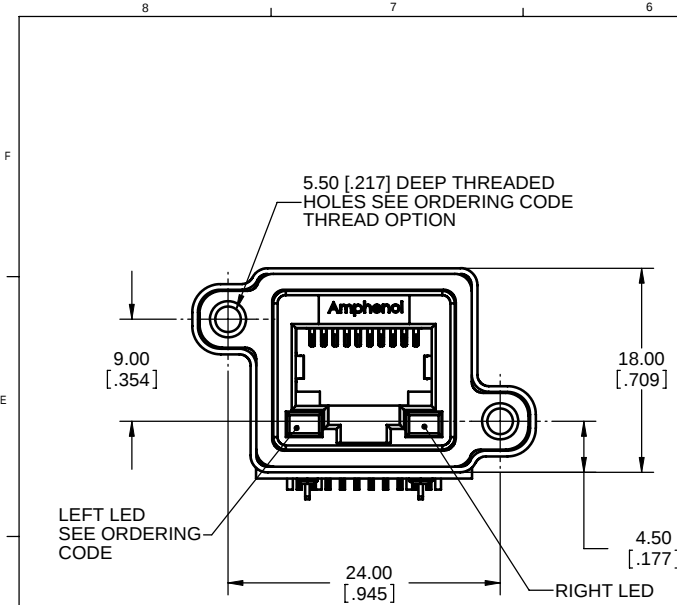




ORDERING CODE: **MRJ-59XX-X1**

SERIES, RUGGED RJ

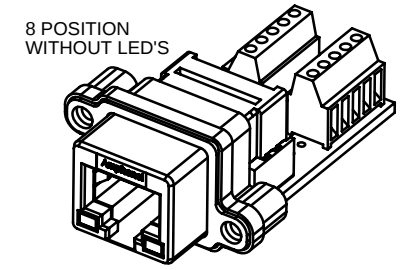
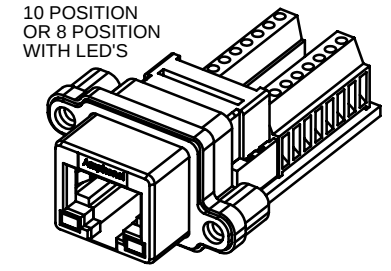
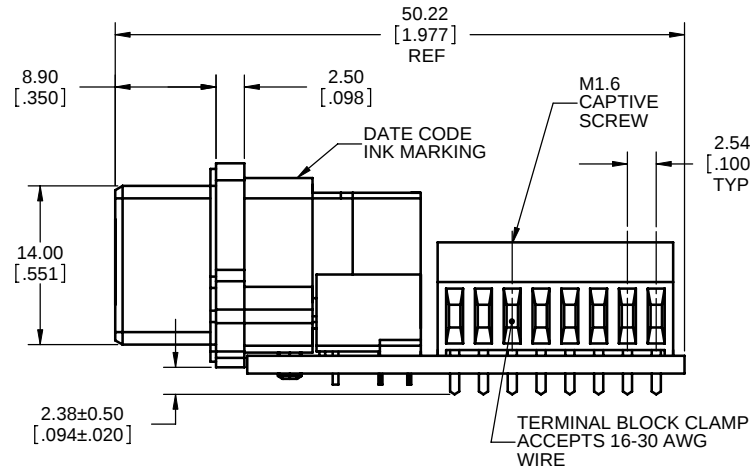
RECEPTACLE, RIGHT ANGLE, ON PCB WITH TERMINAL BLOCKS

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

MOUNTING HOLE THREAD OPTION
0= #4-40 UNC THREAD
M= M3 x 0.5 THREAD

SINGLE PORT



NOTES:

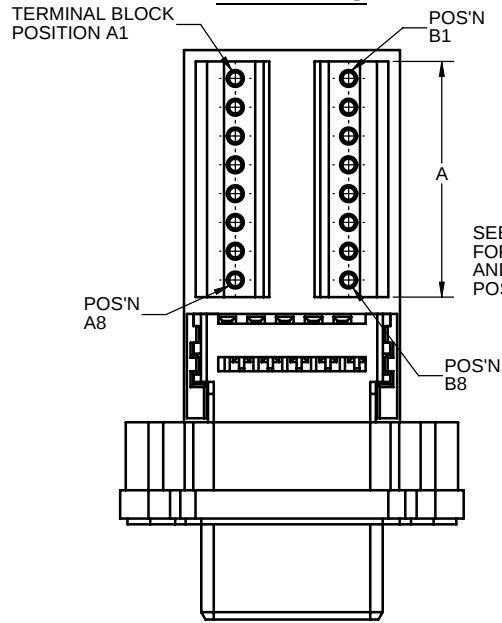
- MATERIAL:
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
 - SHELL - DIECAST ZINC, NICKEL PLATED
 - CONTACTS - PHOSPHOR BRONZE WITH 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
 - INSERTS - ENGINEERING THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, REAR INSERTS: BLACK, FRONT INSERT: CLEAR
 - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
 - GASKET - SILICONE RUBBER
 - PCB - FR-4 FIBERGLASS, LEAD FREE
 - TERMINAL BLOCKS - ENGINEERING THERMOPLASTIC HOUSING (UL94V-0, GREEN) WITH COPPER ALLOY, NICKEL PLATED CLAMPS & SCREWS AND COPPER ALLOY, TIN PLATED TERMINALS.
- 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: 50 MILLIOHMS.
- OPERATING TEMPERATURE: -40C TO +105C.
- AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
- 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.



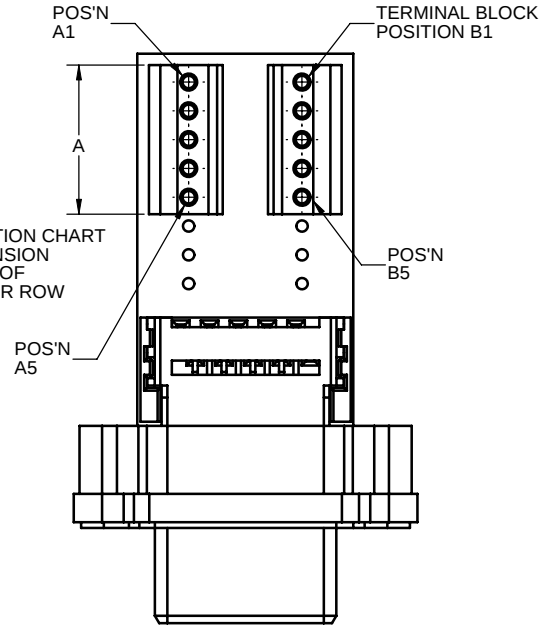
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UNLESS OTHERWISE SPECIFIED:		DATE	Amphenol Canada Corp.	
DIMENSIONS ARE IN MILLIMETERS	DRAWN G.LI	FEB21/08	MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, ON PCB WITH TERMINAL BLOCKS, RoHS COMPLIANT	
TOLERANCES:	DESIGNED			
FRACTIONAL: ±	CHECKED			
ANGULAR: MACH ± BEND ±	I.E. APPRD.			
TWO PLACE DECIMAL	Q. A. APPRD.		SIZE DWG. NO. REV C P-MRJ-59XX-X1 A	
THREE PLACE DECIMAL ±	DWG. APPRD. K.LAMBIE FEB21/08			
INTERPRET GEOMETRIC TOLERANCING PER:	ENG. REL. NO. EAR 13226		SCALE: 3:1 WEIGHT: SHEET 1 OF 2	
MATERIAL	REF.			
FINISH	DIMENSIONS ARE IN MILLIMETERS	CODE ID. NO.		
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			

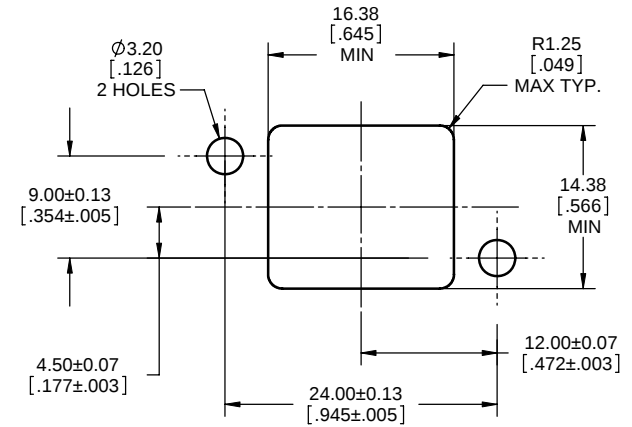
VIEWS FOR 10 POSITION OR 8 POSITION WITH LED'S



VIEWS FOR 8 POSITION WITHOUT LED'S

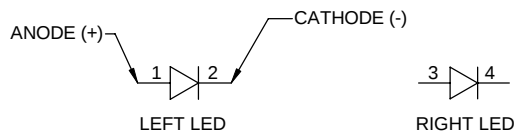
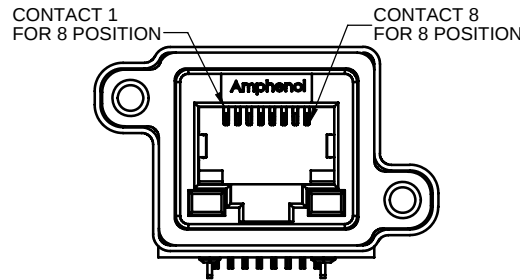
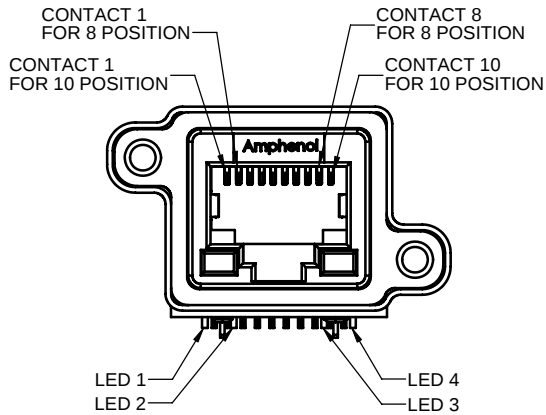


RECOMMENDED PANEL CUTOUT



MRJ TO TERMINAL BLOCK CONNECTION CHART

MRJ CONNECTOR STYLE				CONNECTED TO TERMINAL BLOCK POSITION
8 POSITION NO LED'S	8 POSITION WITH LED'S	10 POSITION NO LED'S	10 POSITION WITH LED'S	
SHELL/GROUND	SHELL/GROUND	SHELL/GROUND	SHELL/GROUND	A1 & B1
CONTACT 4	CONTACT 4	CONTACT 5	CONTACT 5	A2
CONTACT 3	CONTACT 3	CONTACT 4	CONTACT 4	A3
CONTACT 2	CONTACT 2	CONTACT 3	CONTACT 3	A4
CONTACT 1	CONTACT 1	CONTACT 2	CONTACT 2	A5
---	---	CONTACT 1	CONTACT 1	A6
---	LED 1	---	LED 1	A7
---	LED 2	---	LED 2	A8
CONTACT 5	CONTACT 5	CONTACT 6	CONTACT 6	B2
CONTACT 6	CONTACT 6	CONTACT 7	CONTACT 7	B3
CONTACT 7	CONTACT 7	CONTACT 8	CONTACT 8	B4
CONTACT 8	CONTACT 8	CONTACT 9	CONTACT 9	B5
---	---	CONTACT 10	CONTACT 10	B6
---	LED 4	---	LED 4	B7
---	LED 3	---	LED 3	B8
5	8	8	8	POSITIONS / ROW
13.16 [.518]	20.78 [.818]	20.78 [.818]	20.78 [.818]	"A" DIMENSION



LED POLARITY



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TWO PLACE DECIMAL ±	Q. A. APPRD.		SIZE DWG. NO.	
THREE PLACE DECIMAL ±	DWG. APPRD. K.LAMBIE	FEB21/08	C P-MRJ-59XX-X1	
INTERPRET ISOMETRIC	ENG. REL. NO. EAR 13226		REV	
TOLERANCING PER:	REF.		A	
MATERIAL	DIMENSIONS ARE IN	CODE ID. NO.	SCALE: 4:1 WEIGHT:	
FINISH	MILLIMETERS		SHEET 2 OF 2	
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			