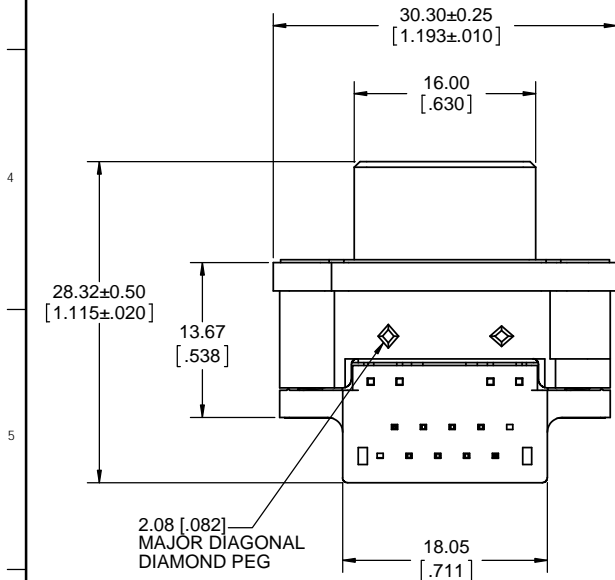
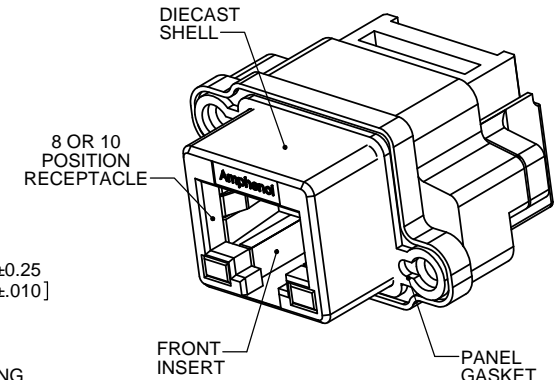
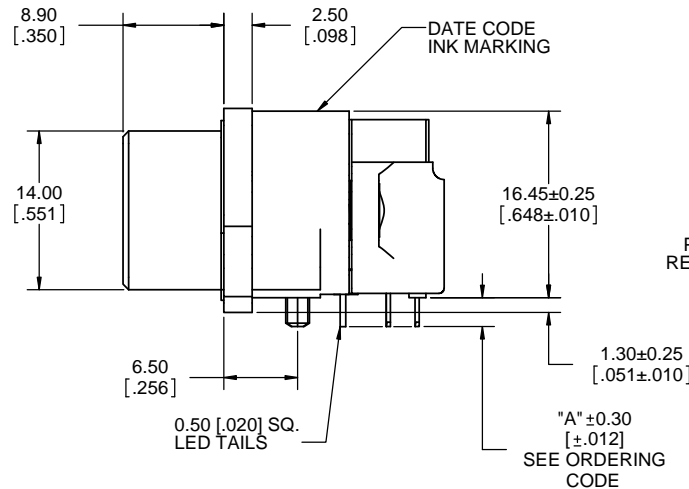
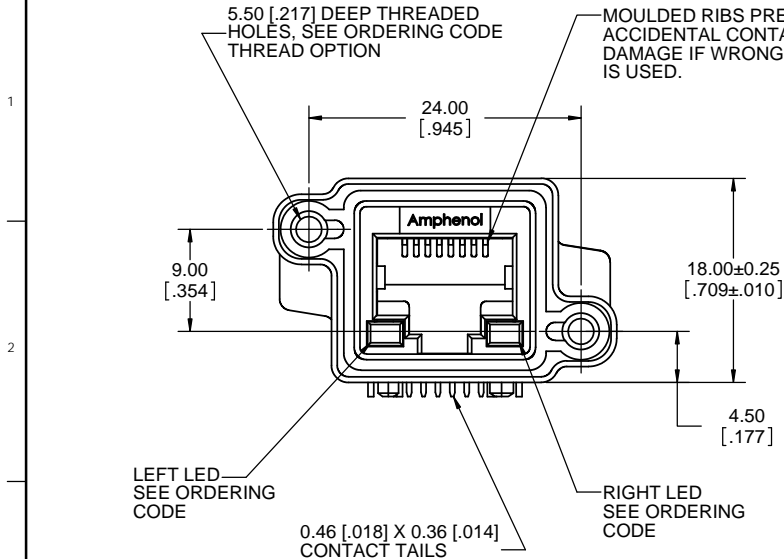


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
D	PRODUCT DRAWING (EAR 14330)	DEC11/14	K.L.
E	PRODUCT DRAWING (EAR 14349)	FEB24/15	K.L.



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

SERIES, RUGGED RJ

RJ45 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 = "A" 2.54 [.100], #4-40 UNC
B = "A" 3.81 [.150], #4-40 UNC
M = "A" 2.54 [.100], M3 X 0.5
P = "A" 3.81 [.150], M3 X 0.5

SINGLE PORT

SPECIAL CONNECTORS
MANY UNIQUE FEATURES ARE READILY AVAILABLE TO SUIT CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL CANADA FOR DETAILS.

NOTES:

- MATERIAL:
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - SHELL - DIECAST ZINC, NICKEL PLATED
 - CONTACTS - PHOSPHOR BRONZE WITH 1.27µm [50 µ"] MIN GOLD OVER 1.27µm [50 µ"] MIN NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
 - INSERTS - ENGINEERING THERMOPLASTIC, UL94V-0 FLAMMABILITY RATING
 - REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE
 - GASKET - SILICONE RUBBER, CONDUCTIVE, BLACK
 - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
- 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: -40C TO +105C
- LED CHARACTERISTICS: FORWARD DC CURRENT 25 mA MAX., FORWARD VOLTAGE 2.5V 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.
- AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR MORE DETAILS.



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UNLESS SPECIFIED OTHERWISE	DRAWN	T.KEARSE	OCT20/11
PRIMARY UNITS MILLIMETERS	CHECKED	K. LAMBIE	OCT20/11
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 13977	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

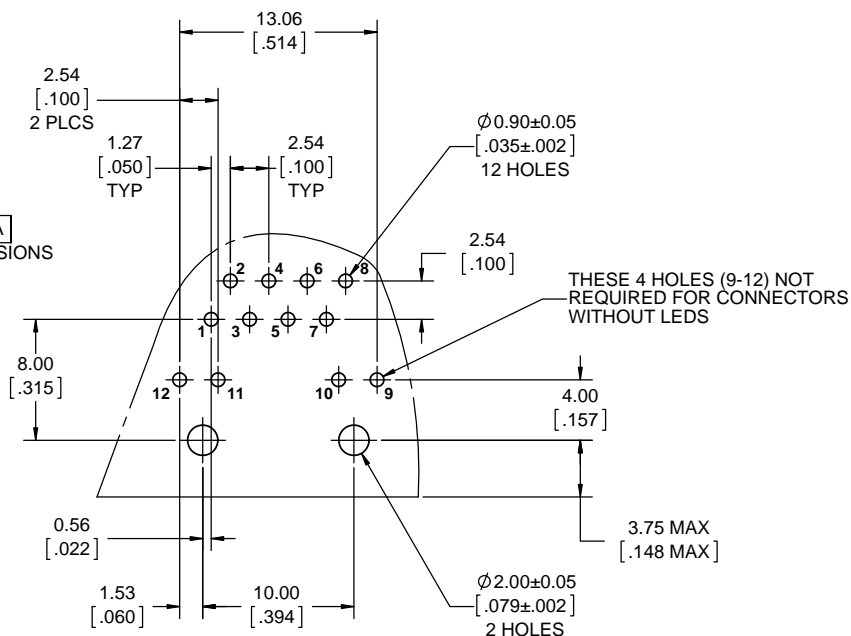
Amphenol Canada Corp. www.amphenolcanada.com			
MRJR SERIES RUGGED MODULAR JACK, RIGHT ANGLE, 8 OR 10 POSITION, LED, TAIL LENGTH & THREAD OPTIONS, ROHS COMPLIANT			
DWG. NO.	P-MRJR-53XX-X1		REV E
CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:1	SHEET 1 OF 2

RECOMMENDED PCB LAYOUT COMPONENT SIDE OF BOARD

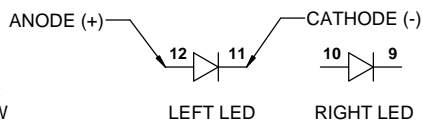
8 POSITION VIEW

LOCATE HOLES

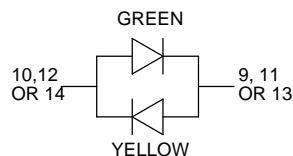
⌀ 0.13 [.005] DIA
POSITION DIMENSIONS
ARE BASIC



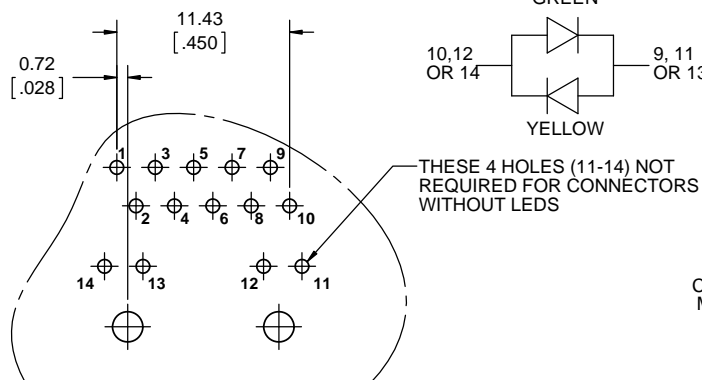
8 POSITION LED SCHEMATIC GREEN OR YELLOW



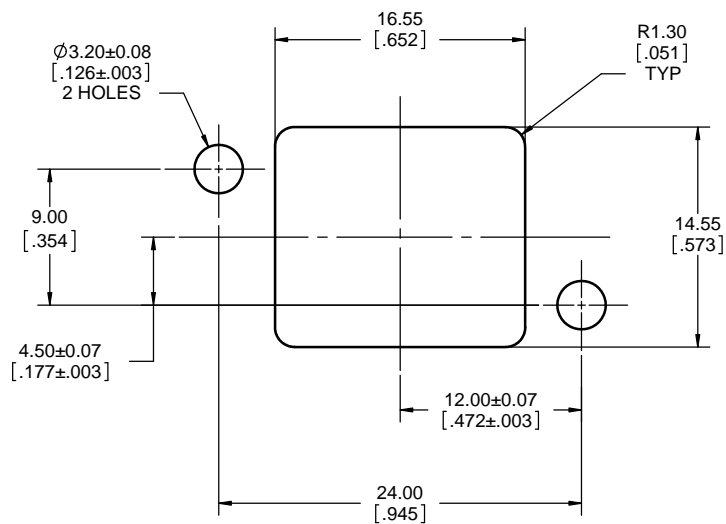
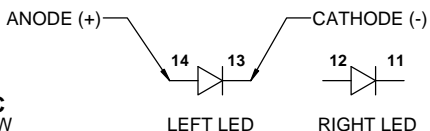
BI-COLOUR LED SCHEMATIC LEFT OR RIGHT SIDE, 8 OR 10 POSITION



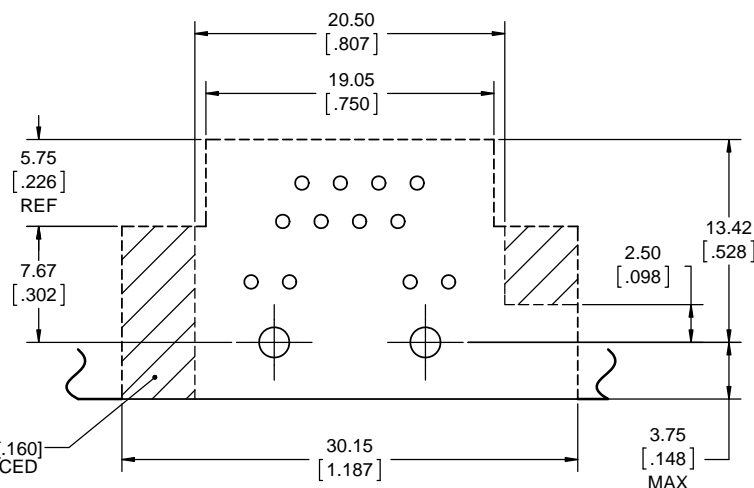
10 POSITION VIEW



10 POSITION LED SCHEMATIC GREEN OR YELLOW



RECOMMENDED PANEL CUTOUT OUTSIDE PANEL VIEW



RECOMMENDED KEEP-OUT ZONE COMPONENT SIDE OF BOARD



UNLESS SPECIFIED OTHERWISE	DRAWN	T.KEARSE	OCT20/11
PRIMARY UNITS MILLIMETERS	CHECKED	K. LAMBIE	OCT20/11
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 13977	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
www.amphenolcanada.com

MRJR SERIES RUGGED MODULAR JACK,
RIGHT ANGLE, 8 OR 10 POSITION, LED,
TAIL LENGTH & THREAD OPTIONS,
ROHS COMPLIANT

DWG. NO.	P-MRJR-53XX-X1	REV	E
CODE ID NO. 03554	DWG SIZE: X	SCALE: 5:1	SHEET 2 OF 2