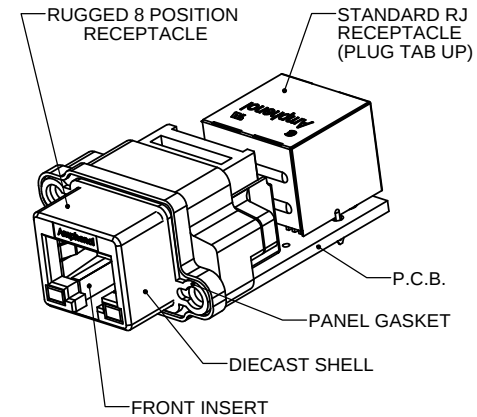
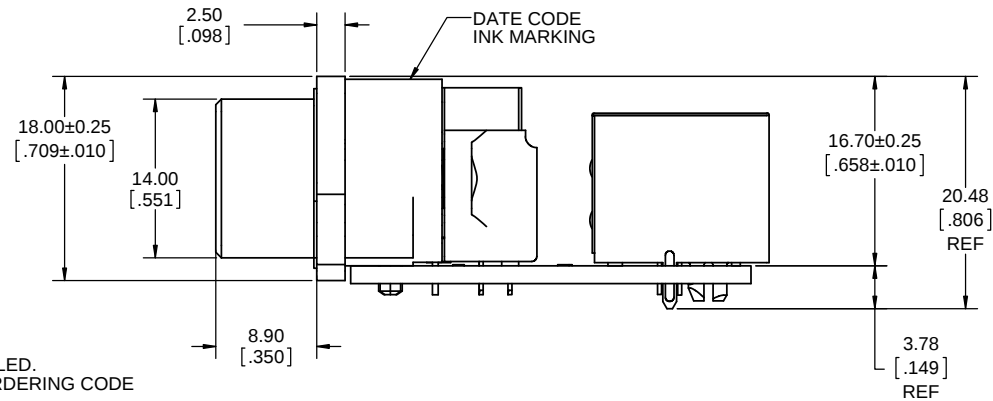
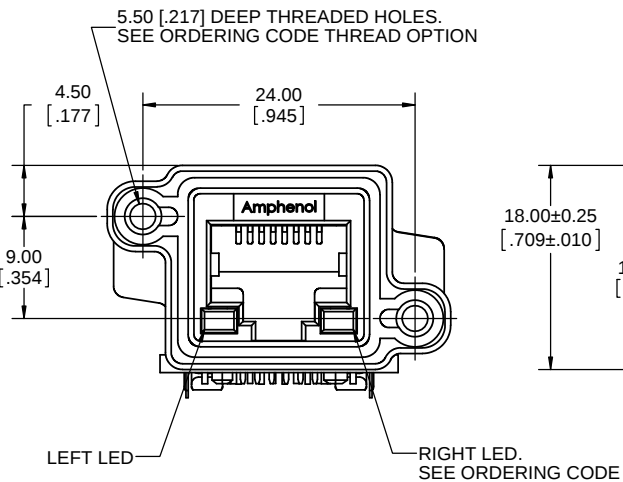


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14344)	MAR10/15	K.L.
B	PRODUCT DRAWING (EAR 14412)	JAN05/16	K.L.



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 [50µ"] GOLD OVER 1.27µm [50µ"] MINIMUM 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
 - PANEL GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
 - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
 - PCB - FR-4 FIBERGLASS, LEAD FREE
 - STANDARD RJ RECPTACLE: AMPHENOL P/N RJHSE-5F80, PHOSPHOR BRONZE CONTACTS WITH 1.27µm [50µ"], GOLD OVER NICKEL ON MATING AREA, BLACK NYLON INSERT AND COPPER ALLOY SHIELD WITH NICKEL 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.
- CONNECTOR DESIGNED FOR CATEGORY 5e PERFORMANCE PER TIA/EIA-568-C.2 AND MAY BE USED FOR 10BASE-T, 100BASE-TX & 1000BASE-T (GIGABIT ETHERNET) NETWORKS.
- CURRENT RATING: 1.5 AMPERES
- CONTACT RESISTANCE: 100 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION)
- 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.

ORDERING CODE: M R J R - 8 7 8 X - X 1

SERIES, RUGGED RJ

CAT 5e RECEPTACLE, RIGHT ANGLE,
ON PCB WITH STANDARD RJ, 8 CONTACTS

LED OPTION:

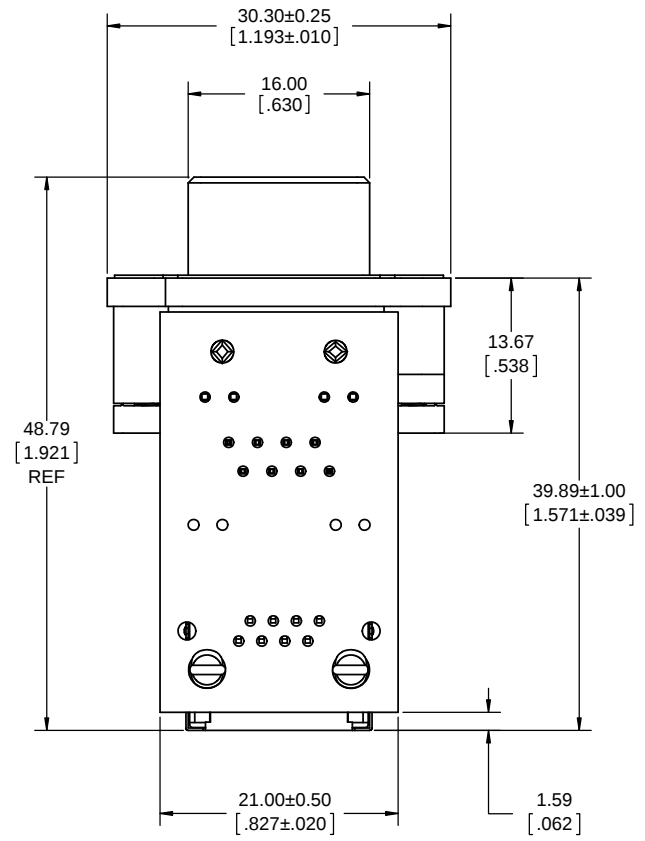
0 = NONE
1 = LEFT GREEN, RIGHT YELLOW
4 = LEFT YELLOW, RIGHT GREEN
5 = LEFT GREEN, RIGHT GREEN

MOUNTING HOLE THREAD OPTION:

0 = #4-40 UNC THREAD
M = M3 X 0.5 THREAD

SINGLE PORT

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



UNLESS SPECIFIED OTHERWISE	DRAWN	J. FISHER	MAR9/15
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K. LAMBIE	MAR10/15
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14344	
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 CAT 5e RUGGED
MODULAR JACK, RIGHT ANGLE, ON PCB
WITH STANDARD RJ, 8 CONTACTS, LED
& THREAD OPTIONS, ROHS COMPLIANT

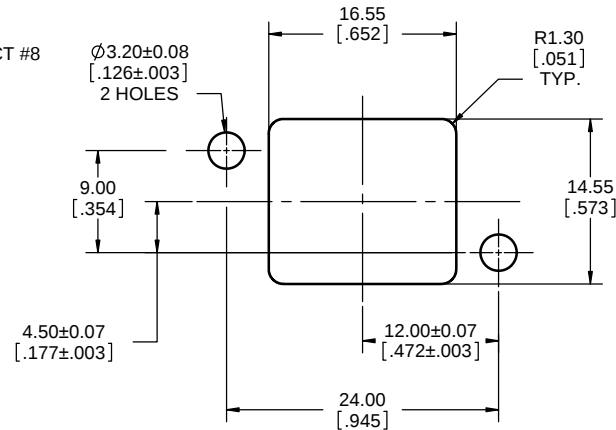
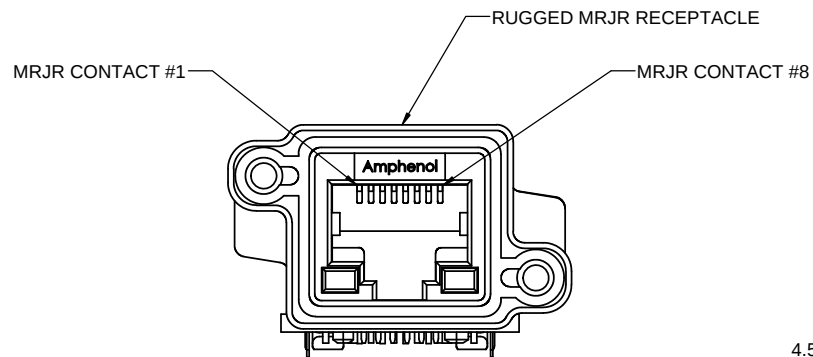
DWG. NO.

P-MRJR-878X-X1

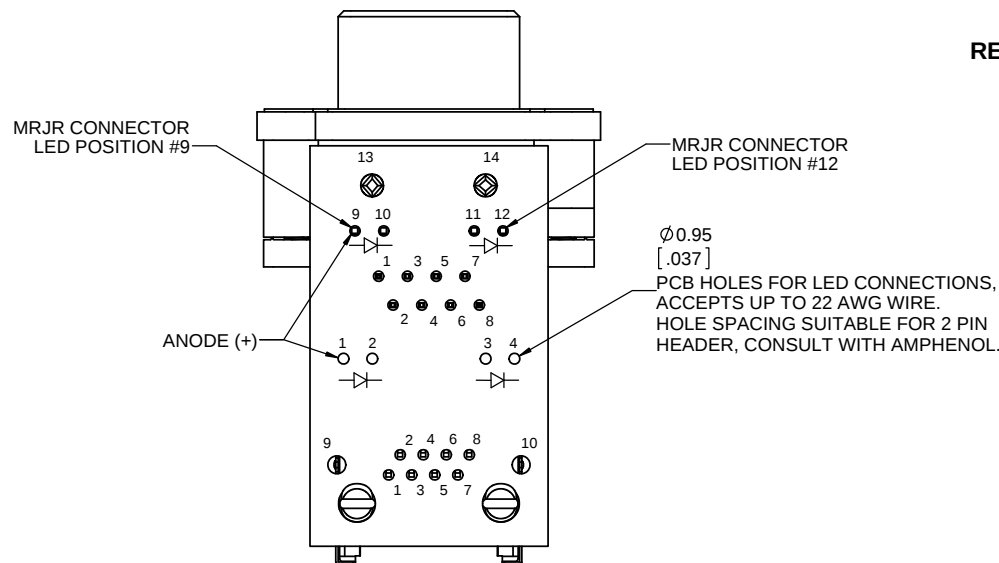
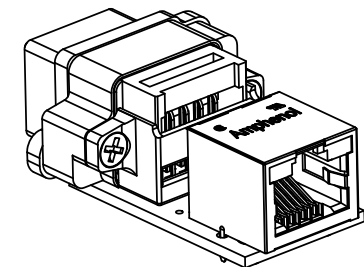
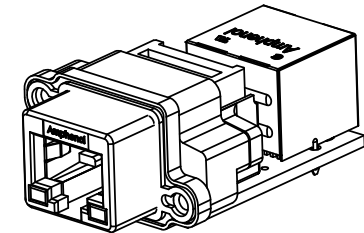
REV B

CODE ID NO. 03554
DWG SIZE: X
SCALE: 3:1
SHEET 1 OF 2

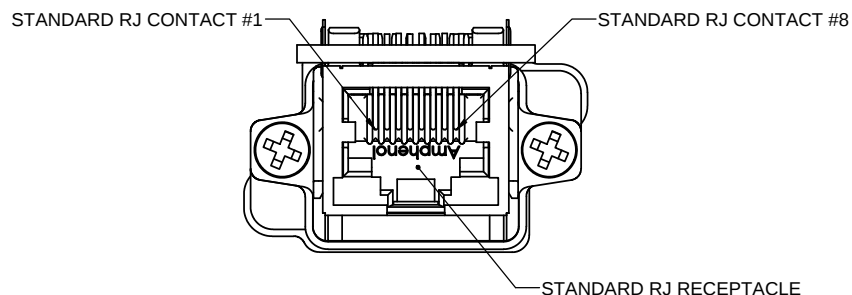
REVISONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14344)	MAR10/15	K.L.
B	PRODUCT DRAWING (EAR 14412)	JAN05/15	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE PANEL VIEW



RUGGED MRJR TO STANDARD RJ CONNECTIONS	
MRJR CONTACT	STANDARD RJ CONTACT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
MRJR GROUND	RJ GROUND
13 & 14	9 & 10
MRJR LED	PCB HOLE
9	1
10	2
11	3
12	4



UNLESS SPECIFIED OTHERWISE	DRAWN	J. FISHER	MAR9/15
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K. LAMBIE	MAR10/15
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14344	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com	
MRJR SERIES CAT 5e RUGGED MODULAR JACK, RIGHT ANGLE, ON PCB WITH STANDARD RJ, 8 CONTACTS, LED & THREAD OPTIONS, ROHS COMPLIANT	
DWG. NO.	REV
P-MRJR-878X-X1	B
CODE ID NO. 03554	DWG. SIZE: X
SCALE: 3:1	SHEET 2 OF 2

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.