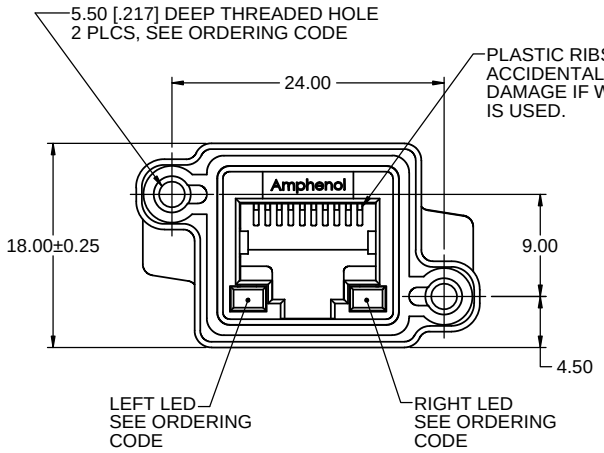
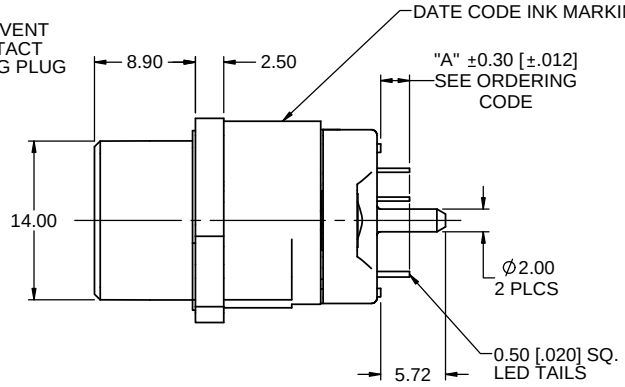
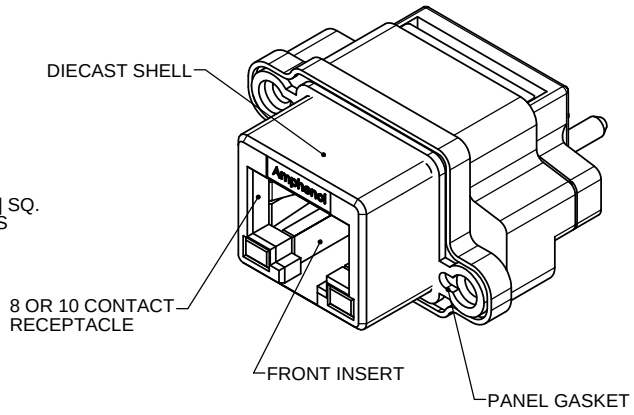
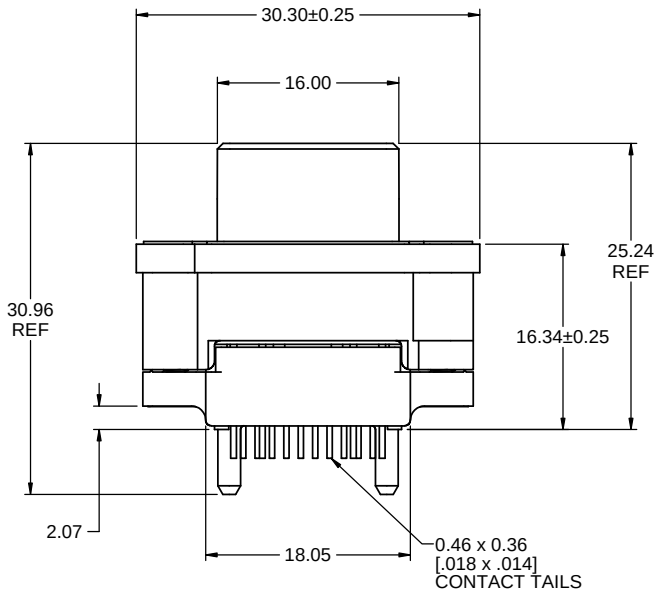
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PRODUCT DRAWING (ECN E12460)	DEC12/12	K.L.
C	PRODUCT DRAWING (EAR 14349)	FEB24/15	K.L.
D	PRODUCT DRAWING (EAR 14349)	SEPT10/15	K.L.









ORDERING CODE: MRJR - 54 X X - X F

SERIES RUGGED RJ

RJ 45 RECEPTACLE,
VERTICAL PCB TAIL

NUMBER OF CONTACTS
8= 8 CONTACTS
A= 10 CONTACTS

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

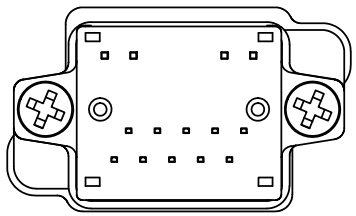
TAIL LENGTH & MOUNTING HOLE
THREAD OPTION
0 = "A" 2.54 [.100], #4-40 UNC
B = "A" 3.81 [.150], #4-40 UNC
M = "A" 2.54 [.100], M3 x 0.5
P = "A" 3.81 [.150], M3 x 0.5

SINGLE PORT WITH THREADED
MOUNTING HOLES

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

NOTES:

1. MATERIAL:
   ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
   - SHELL - DIECAST ZINC, NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE WITH 1.27µm [50µ"] MIN. GOLD OVER 1.27µm [50µ"] MIN. NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
   - INSERTS - ENGINEERING THERMOPLASTIC, UL94V-0 REAR INSERTS: BLACK NYLON, FRONT INSERT: CLEAR POLYCARBONATE.
   - GASKET: SILICONE RUBBER, CONDUCTIVE, BLACK.
   - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING.
2. 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.
3. CURRENT RATING: 1.5 AMPERES.
4. CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.
5. OPERATING TEMPERATURE: -40°C TO +150°C.
6. LED CHARACTERISTICS: FORWARD DC CURRENT 25 mA MAX., FORWARD VOLTAGE 2.5V MAX. @ 2 mA.
7. RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS: 0.45 TO 0.65 N-m (4.0 TO 5.75 IN-LBS) FOR STEEL SCREWS WITH 3.00 (.118) THREAD ENGAGEMENT.
8. CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.
9. AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.



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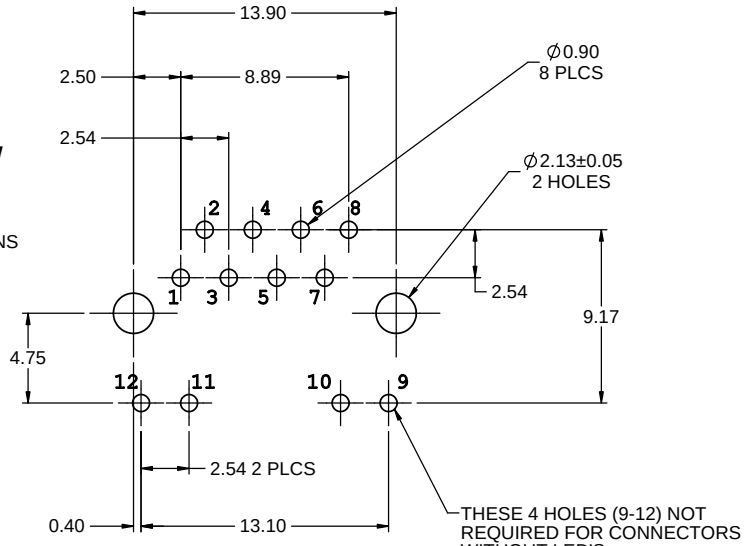
UNLESS SPECIFIED OTHERWISE	DRAWN A.ESPIE	JUN11/12	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		MRJR SERIES MODULAR JACK 10 POSITION, 8 OR 10 CONTACTS, VERTICAL PCB TAIL, LED, THREAD & TAIL LENGTH OPTIONS, RoHS COMPLIANT
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR. K.LAMBIE	JUL24/12	
1 DECIMAL PLACE	ENG. REL. NO. EAR 14091		DWG. NO. P-MRJR-54XX-XF REV D
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 3:1 SHEET 1 OF 2
ANGULAR DEGREES			

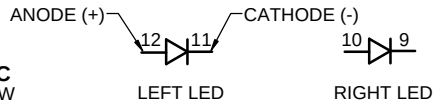
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PRODUCT DRAWING (ECN E12460)	DEC12/12	K.L.
C	PRODUCT DRAWING (EAR 14349)	FEB24/15	K.L.
D	PRODUCT DRAWING (EAR 14349)	SEPT10/15	K.L.

RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD

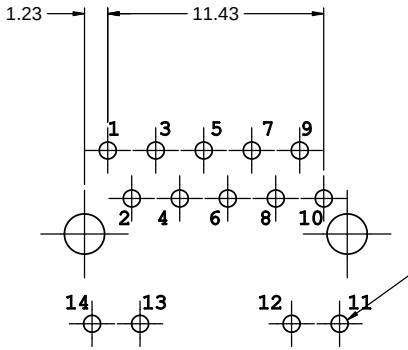


8 POSITION VIEW

LOCATE HOLES
⌖ 0.13 DIA
POSITION DIMENSIONS
ARE BASIC.

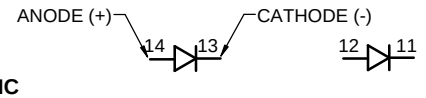


8 POSITION LED SCHEMATIC
GREEN OR YELLOW



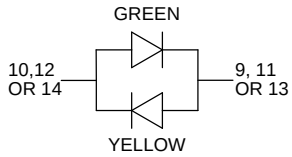
10 POSITION VIEW

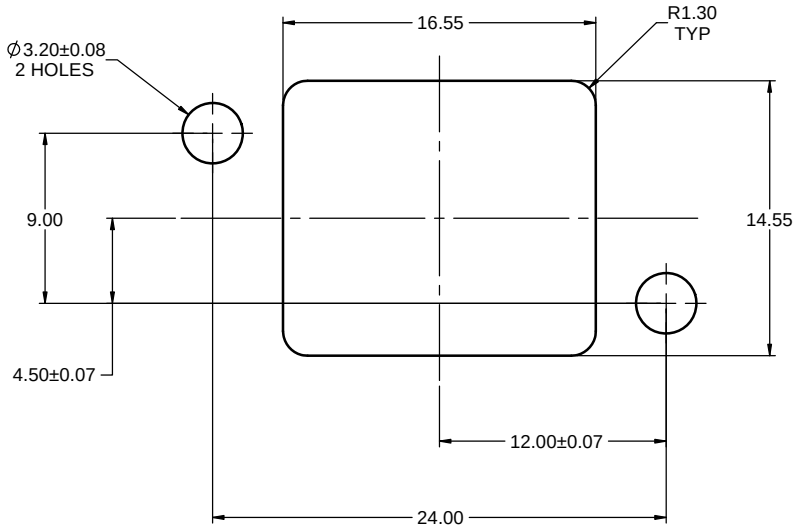
LOCATE HOLES
⌖ 0.13 DIA
POSITION DIMENSIONS
ARE BASIC.



10 POSITION LED SCHEMATIC
GREEN OR YELLOW

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





RECOMMENDED PANEL CUTOUT
OUTSIDE PANEL VIEW

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 5:1 SHEET 2 OF 2
ANGULAR DEGREES			

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

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Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

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