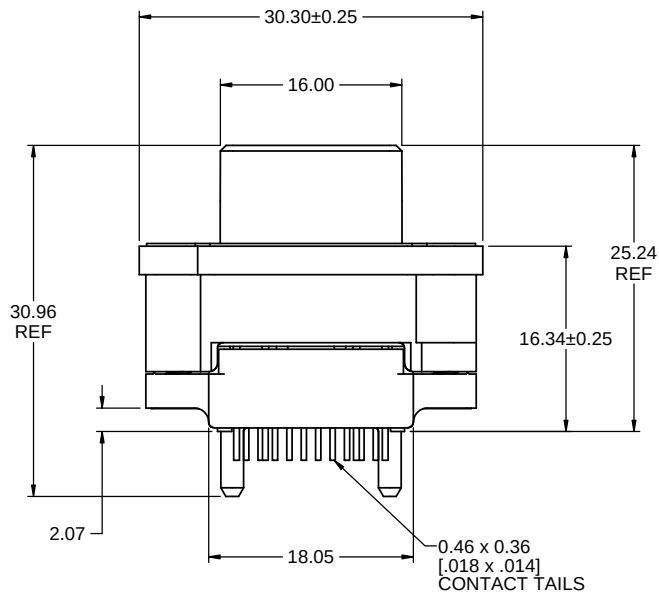
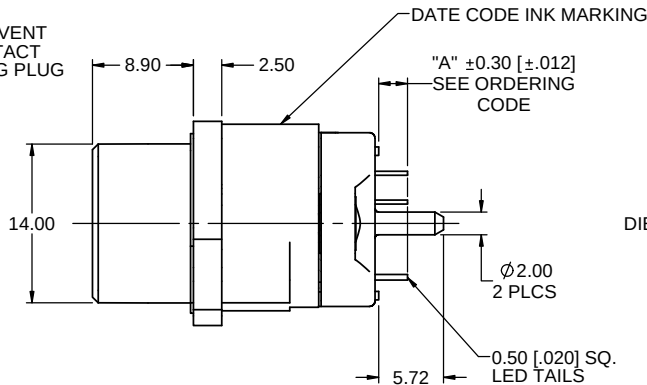
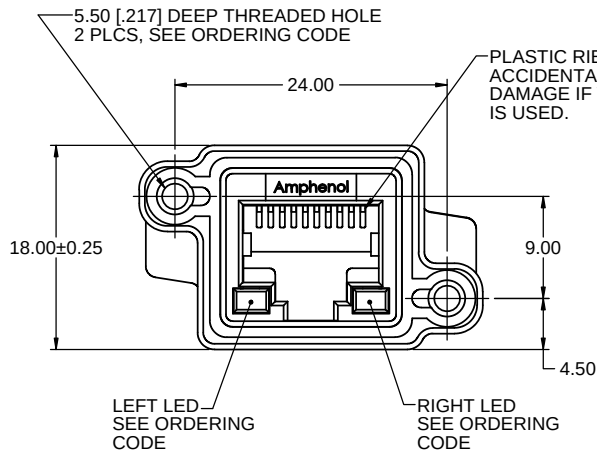


ORDERING CODE: **MRJR - 54 X X - X F**

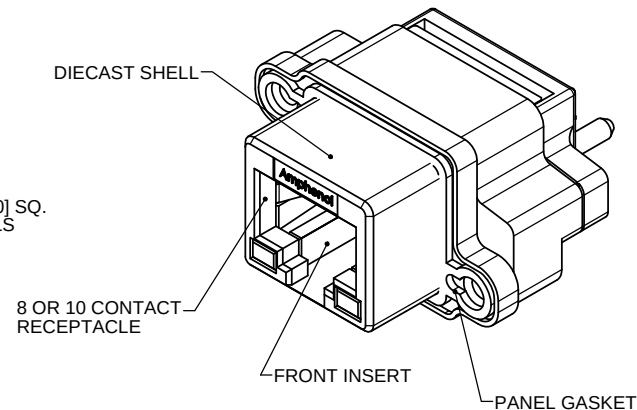
SERIES RUGGED RJ  
RJ 45 RECEPTACLE, VERTICAL PCB TAIL  
NUMBER OF CONTACTS  
8= 8 CONTACTS  
A= 10 CONTACTS  
LED OPTION  
0 = NONE  
1 = LEFT GREEN, RIGHT YELLOW  
4 = LEFT YELLOW, RIGHT GREEN  
5 = LEFT GREEN, RIGHT GREEN  
A = BI-COLOUR GREEN/YELLOW LEFT  
BI-COLOUR GREEN/YELLOW RIGHT  
D = GREEN 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.



|                            |                        |           |          |
|----------------------------|------------------------|-----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN                  | A.ESPIE   | JUN11/12 |
| PRIMARY UNITS MILLIMETERS  | CHECKED                |           |          |
| SECONDARY UNITS 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 |          |
| 2 DECIMAL PLACES ±0.15     | REF.                   |           |          |
| 3 DECIMAL PLACES           | THIRD ANGLE PROJECTION |           |          |
| ANGULAR DEGREES            | DO NOT SCALE DRAWING   |           |          |

| 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.  |



#### NOTES:

- 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.
- 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: -40 °C TO +150 °C.
- LED CHARACTERISTICS: FORWARD DC CURRENT 25 mA MAX., FORWARD VOLTAGE 2.5V MAX. @ 2 mA.
- 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.
- CUSTOMER TO VERIFY THAT ALL PROCESS CLEANERS ARE COMPATIBLE WITH POLYCARBONATE MATERIAL.
- AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.

**Amphenol Canada Corp.**  
www.amphenolcanada.com

MRJR SERIES MODULAR JACK  
10 POSITION, 8 OR 10 CONTACTS,  
VERTICAL PCB TAIL, LED, THREAD & TAIL  
LENGTH OPTIONS, RoHS COMPLIANT

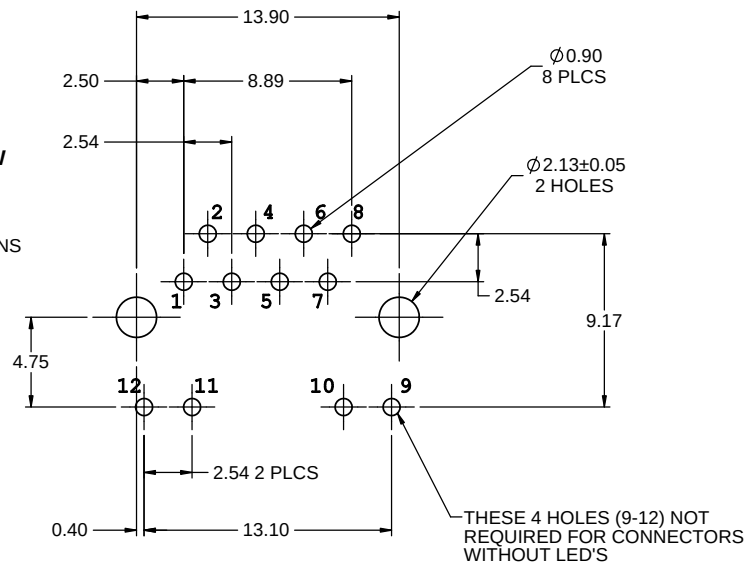
P-MRJR-54XX-XF

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

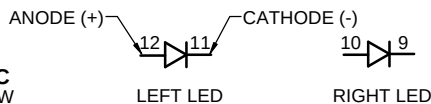
# RECOMMENDED PCB LAYOUT COMPONENT SIDE OF BOARD

## 8 POSITION VIEW

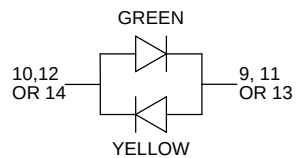
LOCATE HOLES  
0.13 DIA  
POSITION DIMENSIONS  
ARE BASIC.



## 8 POSITION LED SCHEMATIC GREEN OR YELLOW

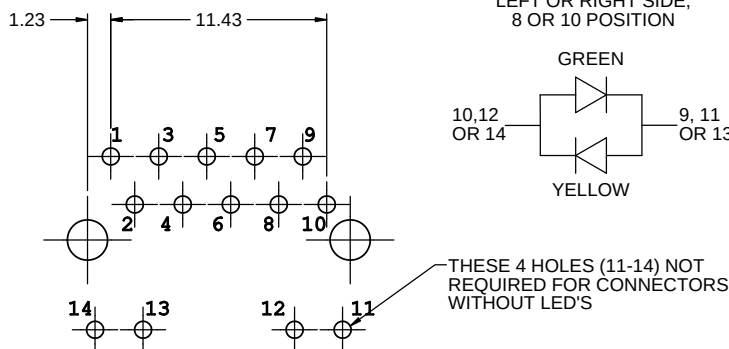


## BI-COLOUR LED SCHEMATIC LEFT OR RIGHT SIDE, 8 OR 10 POSITION

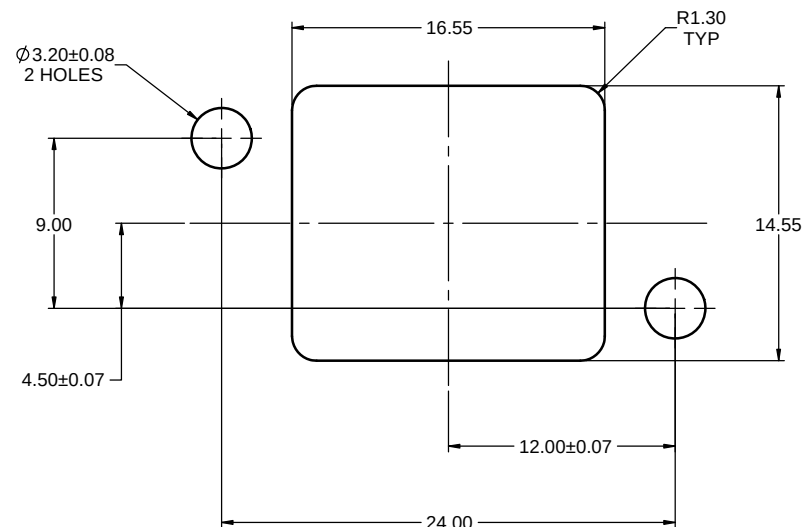
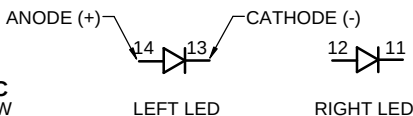


## 10 POSITION VIEW

LOCATE HOLES  
0.13 DIA  
POSITION DIMENSIONS  
ARE BASIC.



## 10 POSITION LED SCHEMATIC GREEN OR YELLOW



## RECOMMENDED PANEL CUTOUT OUTSIDE PANEL VIEW

| 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.  |



|                            |                        |           |          |
|----------------------------|------------------------|-----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN                  | A.ESPIE   | JUN11/12 |
| PRIMARY UNITS MILLIMETERS  | CHECKED                |           |          |
| SECONDARY UNITS 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 |          |
| 2 DECIMAL PLACES ±0.15     | REF.                   |           |          |
| 3 DECIMAL PLACES           | THIRD ANGLE PROJECTION |           |          |
| ANGULAR DEGREES            | DO NOT SCALE DRAWING   |           |          |

|                                                                                                                                                                                                                                                                             |             |            |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|--------------|
| <b>Amphenol Canada Corp.</b><br><a href="http://www.amphenolcanada.com">www.amphenolcanada.com</a><br><b>MRJR SERIES MODULAR JACK</b><br><b>10 POSITION, 8 OR 10 CONTACTS,</b><br><b>VERTICAL PCB TAIL, LED, THREAD &amp; TAIL</b><br><b>LENGTH OPTIONS, RoHS COMPLIANT</b> |             |            |              |
| <b>P-MRJR-54XX-XF</b>                                                                                                                                                                                                                                                       |             |            | REV D        |
| CODE ID NO. 03554                                                                                                                                                                                                                                                           | DWG SIZE: X | SCALE: 5:1 | SHEET 2 OF 2 |

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:

- Конкурентоспособные цены и скидки постоянным клиентам.
- 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.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)