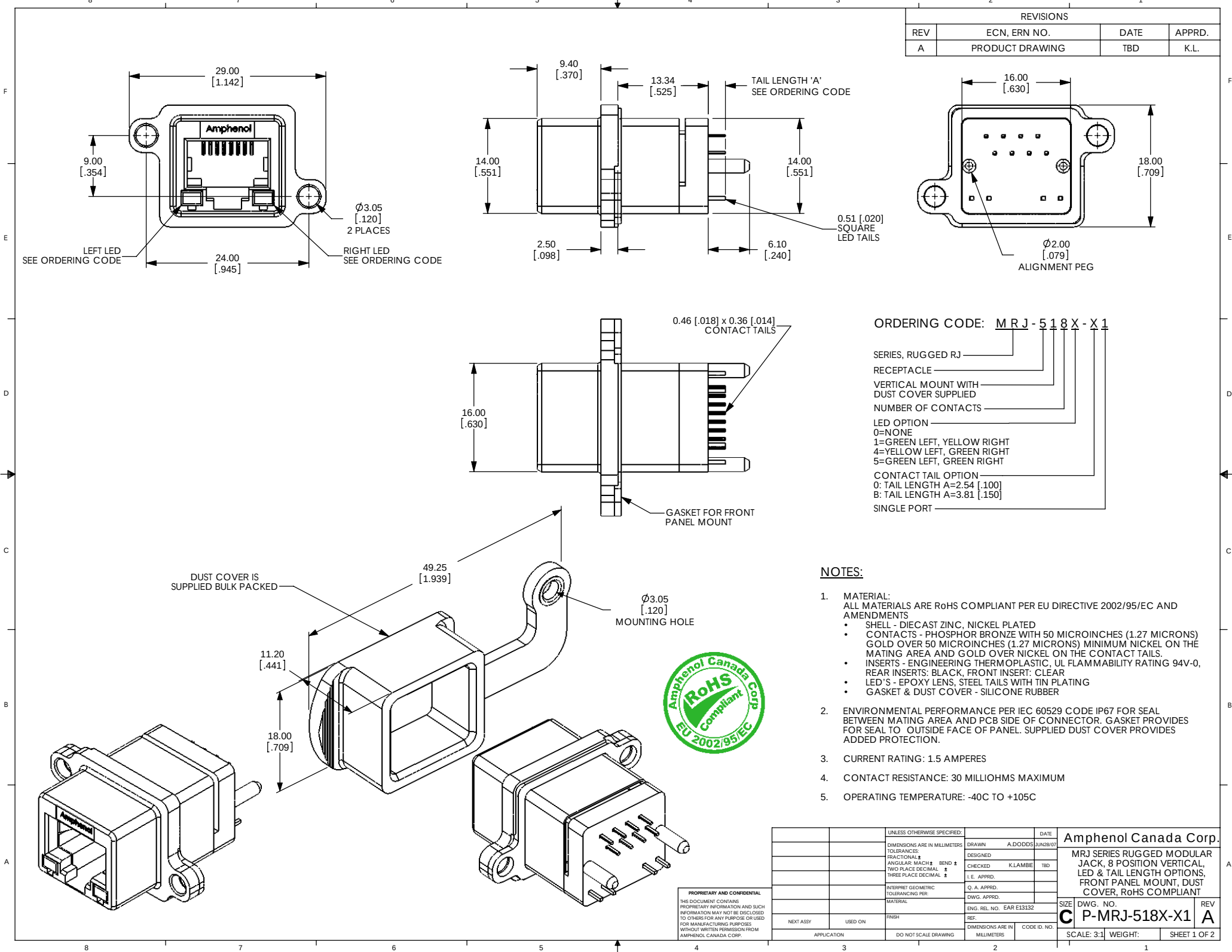
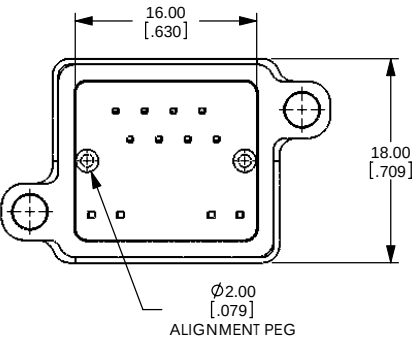




| REVISIONS |                 |      |        |
|-----------|-----------------|------|--------|
| REV       | ECN, ERN NO.    | DATE | APPRD. |
| A         | PRODUCT DRAWING | TBD  | K.L.   |



ORDERING CODE: **MRJ-518X-X1**

SERIES, RUGGED RJ  
RECEPTACLE  
VERTICAL MOUNT WITH  
DUST COVER SUPPLIED  
NUMBER OF CONTACTS  
LED OPTION  
0=NONE  
1=GREEN LEFT, YELLOW RIGHT  
4=YELLOW LEFT, GREEN RIGHT  
5=GREEN LEFT, GREEN RIGHT  
CONTACT TAIL OPTION  
0: TAIL LENGTH A=2.54 [.100]  
B: TAIL LENGTH A=3.81 [.150]  
SINGLE PORT

NOTES:

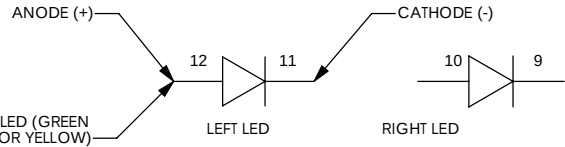
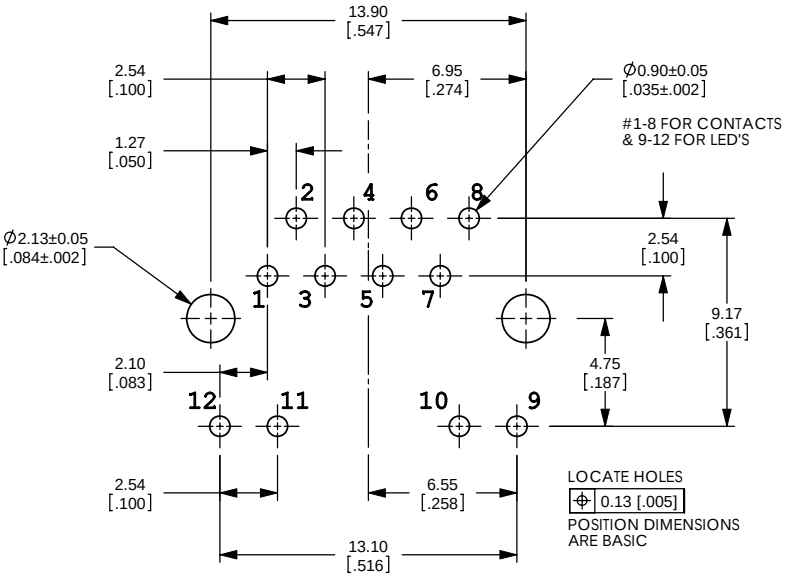
- MATERIAL:  
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS  
• SHELL - DIECAST ZINC, NICKEL PLATED  
• CONTACTS - PHOSPHOR BRONZE WITH 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND GOLD OVER NICKEL ON THE CONTACT 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 & DUST COVER - SILICONE RUBBER
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES FOR SEAL TO OUTSIDE FACE OF PANEL. SUPPLIED DUST COVER PROVIDES ADDED PROTECTION.
- CURRENT RATING: 1.5 AMPERES
- CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM
- OPERATING TEMPERATURE: -40C TO +105C



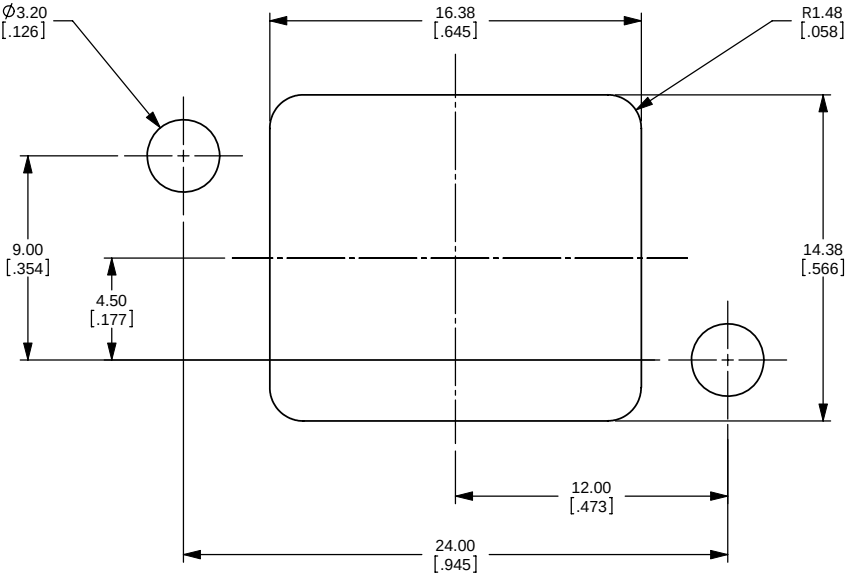
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AMPHENOL CANADA CORP.

| UNLESS OTHERWISE SPECIFIED:          |  | DATE                          |              | Amphenol Canada Corp.                                                                                                         |  |
|--------------------------------------|--|-------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|--|
| DIMENSIONS ARE IN MILLIMETERS        |  | DRAWN                         | A.DODDS      | MRJ SERIES RUGGED MODULAR JACK, 8 POSITION VERTICAL, LED & TAIL LENGTH OPTIONS, FRONT PANEL MOUNT, DUST COVER, RoHS COMPLIANT |  |
| TOLERANCES:                          |  | DESIGNED                      |              | SIZE DWG. NO.                                                                                                                 |  |
| FRACTIONAL: ±                        |  | CHECKED                       | K.LAMBE      | C P-MRJ-518X-X1                                                                                                               |  |
| ANGULAR: MACH ± BEND ±               |  | I.E. APPRD.                   |              | REV A                                                                                                                         |  |
| TWO PLACE DECIMAL ±                  |  | Q. A. APPRD.                  |              | SCALE: 3:1                                                                                                                    |  |
| THREE PLACE DECIMAL ±                |  | DWG. APPRD.                   |              | WEIGHT:                                                                                                                       |  |
| INTERPRET GEOMETRIC TOLERANCING PER: |  | ENG. REL. NO. EAR E13132      |              | SHEET 1 OF 2                                                                                                                  |  |
| MATERIAL                             |  | REF.                          |              |                                                                                                                               |  |
| FINISH                               |  | DIMENSIONS ARE IN MILLIMETERS | CODE ID. NO. |                                                                                                                               |  |
| APPLICATION                          |  | DO NOT SCALE DRAWING          |              |                                                                                                                               |  |

| REVISIONS |                 |      |        |
|-----------|-----------------|------|--------|
| REV       | ECN, ERN NO.    | DATE | APPRD. |
| A         | PRODUCT DRAWING | TBD  | K.L.   |



**RECOMMENDED P.C.B. LAYOUT**  
(COMPONENT SIDE OF BOARD)



**RECOMMENDED PANEL CUTOUT**  
(FRONT OF PANEL)



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| UNLESS OTHERWISE SPECIFIED:          |                               | DATE         |          |
|--------------------------------------|-------------------------------|--------------|----------|
| DIMENSIONS ARE IN MILLIMETERS        | DESIGNED                      | A.DODDS      | JUN28/07 |
| FRACTIONAL ±                         | CHECKED                       | K.LAMBE      | TBD      |
| ANGULAR: MACH ± BEND ±               | I.E. APPRD.                   |              |          |
| TWO PLACE DECIMAL ±                  | Q. A. APPRD.                  |              |          |
| THREE PLACE DECIMAL ±                | DWG. APPRD.                   |              |          |
| INTERPRET GEOMETRIC TOLERANCING PER: | ENG. REL. NO. EAR E13132      |              |          |
| MATERIAL                             | REF.                          |              |          |
| FINISH                               | DIMENSIONS ARE IN MILLIMETERS | CODE ID. NO. |          |
| APPLICATION                          | DO NOT SCALE DRAWING          |              |          |

|                       |                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Amphenol Canada Corp. | MRJ SERIES RUGGED MODULAR JACK, 8 POSITION VERTICAL, LED & TAIL LENGTH OPTIONS, FRONT PANEL MOUNT, DUST COVER, RoHS COMPLIANT |
| SIZE DWG. NO.         | REV                                                                                                                           |
| C P-MRJ-518X-X1       | A                                                                                                                             |
| SCALE: 6:1            | WEIGHT:                                                                                                                       |
|                       | SHEET 2 OF 2                                                                                                                  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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