

SCALE 1:1

### TECHNICAL SPECIFICATION :

MAX. CURRENT : 16.0A  
 INSULATION RESISTANCE : 100Megaohms min.  
 MAX. CONDUCTOR : 1.50mm<sup>2</sup>/16AWG  
 MAX. VOLTAGE : 250V  
 CONTACT RESISTANCE : ≤15milliohms max.

CABLE DIAMETER RANGE :  
 PG6-M16 : 6.00-8.00mm  
 PG11 - G1/2"-M20 : 8.00-10.0mm

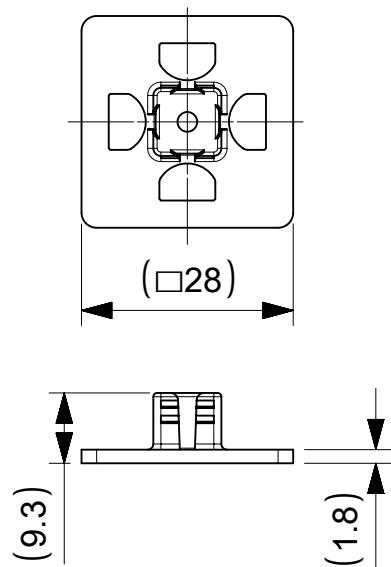
OPERATING TEMPERTURE WITH:  
 NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C  
 SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65  
 (IP67 AVAIBLE ON REQUEST)

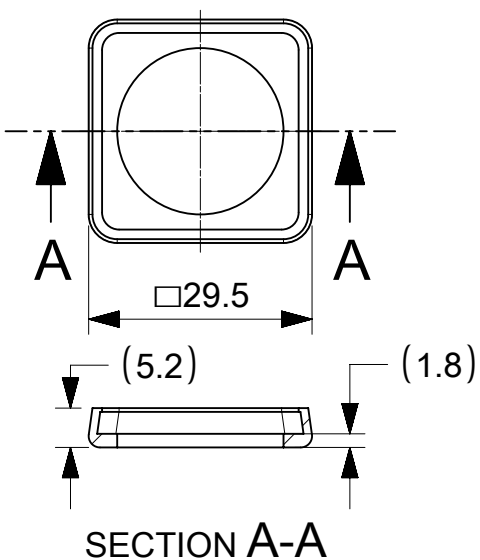
#### BOM

| ITEM | DESCRIPTION     | QTY. |
|------|-----------------|------|
| 1    | SCREW           | 1    |
| 2    | COVER ASSEMBLY  | 1    |
| 3    | INSERT ASSEMBLY | 1    |
| 4    | GASKET          | 1    |

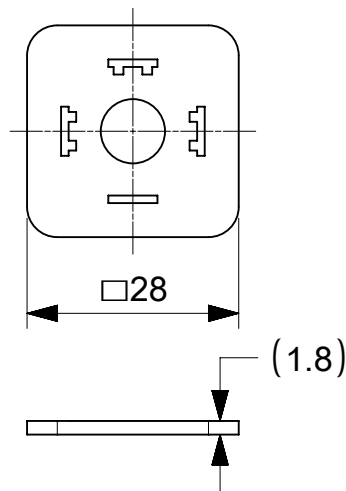
#### INTEGRATED GASKET



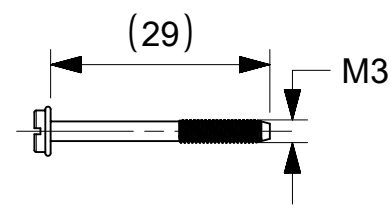
#### PROFILED GASKET



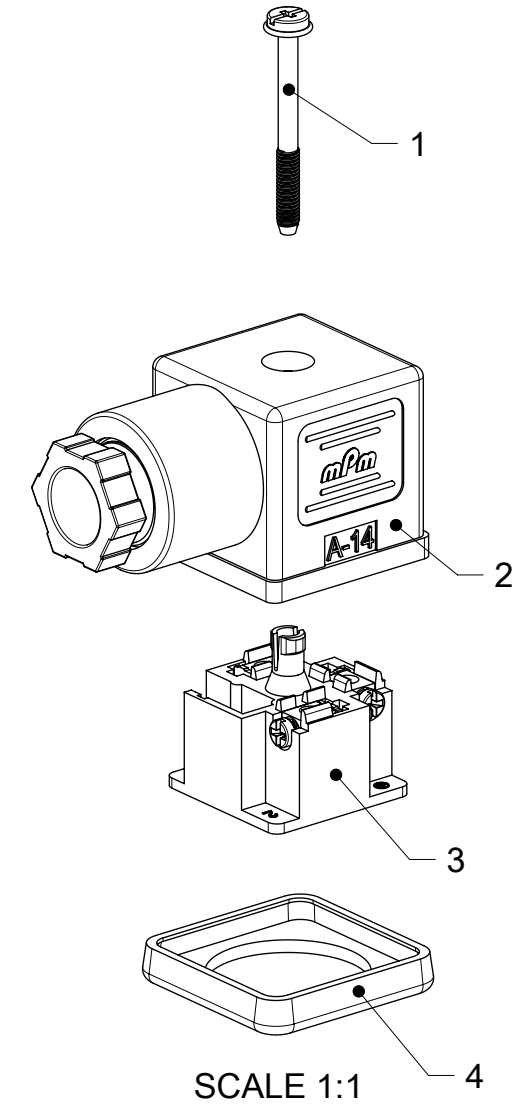
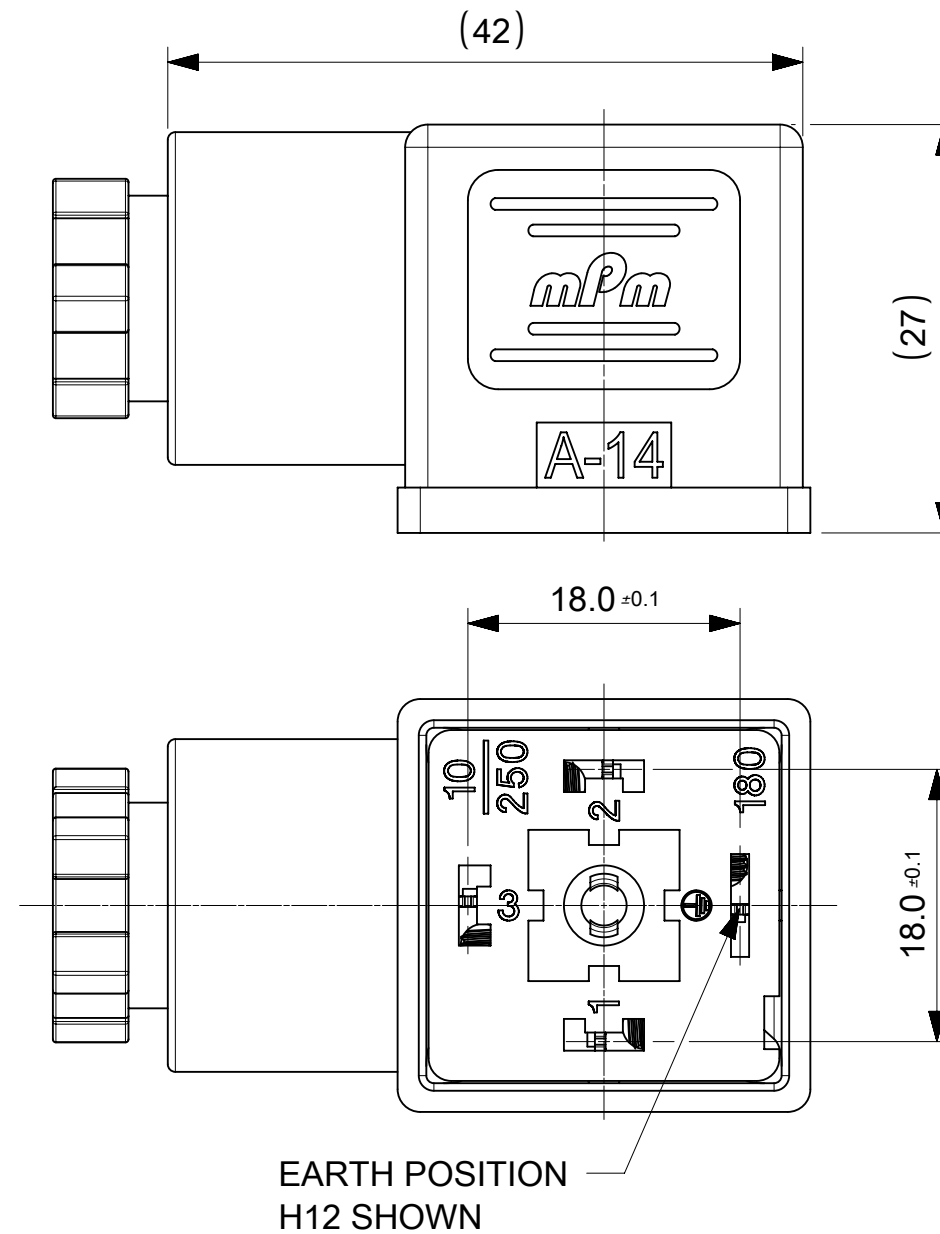
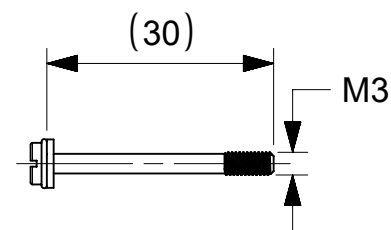
#### FLAT GASKET



#### SCREW M3x29



#### SCREW M3x30 + WASHER



#### NOTES :

- PLEASE SEE PDP 1210230229 FOR CURRENTLY CONFIGURED PART NUMBERS.
- FOR PACKAGING SEE PACKAGING SPEC PK-121023-C18
- PRODUCT SPEC : SEE PS-121201-001

| SYMBOLS |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     | CURRENT REV DESC:         |  | molex |                             |  |  |
|---------|--|---|-----|---------------------------|--|-------|-----------------------------|--|--|
| ▽ = 0   | mm   | SCALE   | 2:1 | EC NO: 610370             |  |       | C18 SERIES ASSEMBLY OPTIONS |  |  |
| ▽ = 0   | GENERAL TOLERANCES (UNLESS SPECIFIED)                |   |     | DRWN: SSM 2019/01/09      |  |       | PRODUCT CUSTOMER DRAWING    |  |  |
| ▽ = 0   | ANGULAR TOL ± °                                      |   |     | CHK'D: RSILLER 2019/01/15 |  |       | DOCUMENT NUMBER             |  |  |
| ▽ = 0   | 4 PLACES ±   |   |     | APPR: RSILLER 2019/01/15  |  |       | 1210230229                  |  |  |
| ▽ = 0   | 3 PLACES ±   |   |     | INITIAL REVISION:         |  |       | DOC TYPE DOC PART REVISION  |  |  |
| ▽ = 0   | 2 PLACES ± 0.1                                       |   |     | DRWN: SSM 2019/01/09      |  |       | PSD 000 A                   |  |  |
| ▽ = 0   | 1 PLACE ± 0.2  |   |     | APPR: RSILLER 2019/01/15  |  |       | MATERIAL NUMBER             |  |  |
| ▽ = 0   | 0 PLACES ±   |   |     | THIRD ANGLE PROJECTION    |  |       | CUSTOMER                    |  |  |
| □ = 0   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   |     | DRAWING                   |  |       | SHEET NUMBER                |  |  |
| ▽ = 0   |  |   |     | A3-SIZE                   |  |       | 121023                      |  |  |
|         |  |   |     | SEE 1210230229 PDP        |  |       | GENERAL MARKET              |  |  |
|         |  |   |     |                           |  |       | 1 OF 2                      |  |  |

# C18 SERIES MATRIX

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## OPTIONS

**SERIES**  
C18 - INTERNAL  
THREAD  
FORM A

**POLES**  
2 - 2 POLE  
3 - 3 POLE


**THREAD**  
09 - PG9  
11- PG11  
M6 - M6x1.5  
M0 - M20x1.5  
12 - 1/2" GAS,  
13 - 1/2" NPTF  
39 - PG9 W/STRAIN RELIEF  
41 - PG11 W/STRAIN RELIEF

**GROUND  
POSITION :**  
0 - UNMOUNTED  
2 - H12  
3 - H3  
6 - H6  
9 - H9

**MATERIAL AND  
HOUSING COLOR:**  
G - PA6 Grey  
N - Black Black  
T - Transparent  
W - Black  
UL94 - V0  
H - PA6 HEAT PROTECTION

**SCREW AND GASKET**  
1 - NBR PROFILE GASKET & SCREW  
2 - NBR FLAT GASKET & SCREW  
3 - WHITE SILICONE PROFILE GASKET & SCREW  
4 - WHITE SILICONE FLAT GASKET & SCREW  
5 - NBR PROFILE GASKET, NO SCREW  
9 - NO GASKET , NO SCREW  
0 - NO GASKET , NO SCREW  
A - NBR PROFILE GASKET & SCREW + 2mm  
B - NBR FLAT GASKET & SCREW + 2mm  
C - WHITE SILICONE PROFILE GASKET & SCREW + 2mm  
G - NO GASKET & STANDARD SCREW  
I - BULK PACK FULLY MOUNTED , NO GASKET  
P - INTEGRATED NBR GASKET & IP67 SCREW ASSEMBLED  
R - INTEGRATED NBR GASKET & IP97 SCREW NOT ASSEMBLED

**NON STANDARD COMPONETS**  
AF - WITH CENTRE SCREW MOUNTED  
14 - SINGLE BAGGED  
SA - UL LISTED  
19 - PIN No.3 NON CONNECTED/REMOVED  
23 - ASSEMBLED SCREWS & GASKET  
10 - SPECIAL GROMMET  
4S - SPECIAL GROMMET  
5A - SINGLED BAGGED 500 IN A BOX  
9V - NO SCREW OR GASKET  
BM - GOLD TERMINALS  
BS - FULLY MOUNTED ALL COMPONENTS  
IN SEPERATE BAGS  
OH - INOX SCREW  
P7 - IP67 COMPLIANT

|         |   |       |  |  |  |
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|         | DIMENSION UNITS   | SCALE |  |  |  |
| ▽ = 0   | mm  | 1:1   | EC NO: 610370  |  |  |
| ▽ = 0   | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       | DRWN: SSM 2019/01/09   |  |  |
| ▽ = 0   | ANGULAR TOL ± °   |       | CHK'D: RSILLER 2019/01/15  |  |  |
| ▽ = 0   | 4 PLACES ±  |       | APPR: RSILLER 2019/01/15   |  |  |
| ▽ = 0   | 3 PLACES ±  |       | INITIAL REVISION:  |  |  |
| ▽ = 0   | 2 PLACES ± 0.1  |       | DRWN: SSM 2019/01/09   |  |  |
| ▽ = 0   | 1 PLACE ± 0.2   |       | APPR: RSILLER 2019/01/15   |  |  |
| ▽ = 0   | 0 PLACES ±  |       | DOCUMENT NUMBER  |  |  |
| □ = 0   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       | 1210230229   |  |  |
| ▽ = 0   | THIRD ANGLE PROJECTION  |       | DOC TYPE   |  |  |
|         | DRAWING   |       | DOC PART   |  |  |
|         | SERIES  |       | REVISION   |  |  |
|         | MATERIAL NUMBER   |       | SHEET NUMBER   |  |  |
|         | CUSTOMER  |       |  |  |  |
|         | A3-SIZE   |       | 2 OF 2   |  |  |
|         | 121023  |       | SEE 1210230229 PDP   |  |  |
|         | GENERAL MARKET  |       |  |  |  |

## 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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