

SCALE 1:1

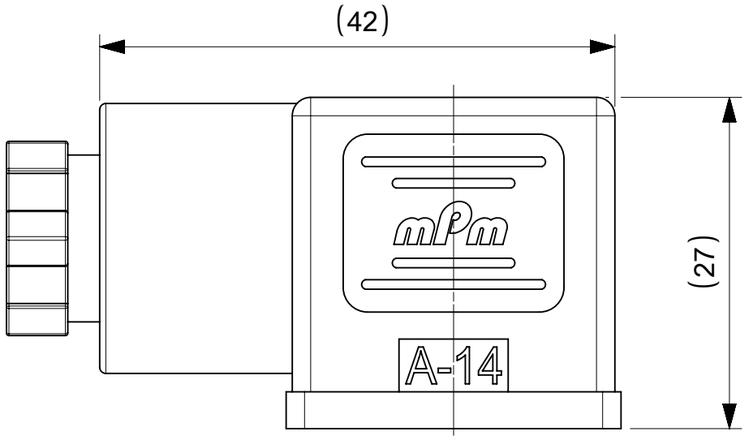
# TECHNICAL SPECIFICATION :

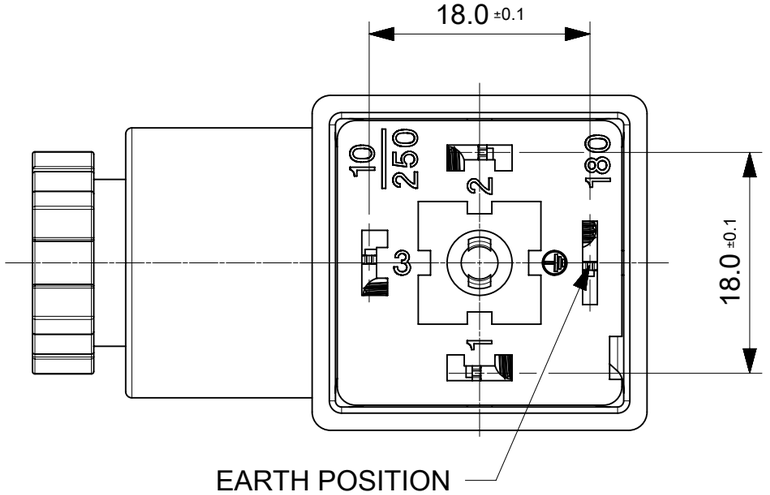
MAX. CURRENT : 16.0A
INSULATION RESISTANCE : 100Megaohms min.
MAX. CONDUCTOR : 1.50mm²/16AWG
MAX. VOLTAGE : 250V
CONTACT RESISTANCE : ≤15milliohms max.

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

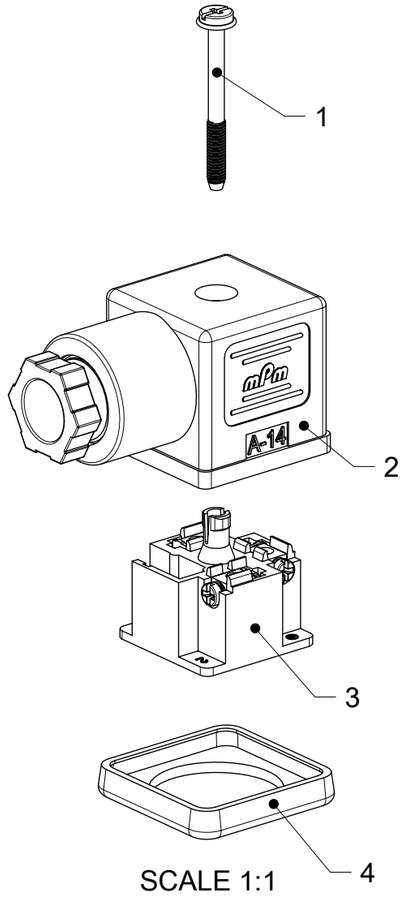
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)



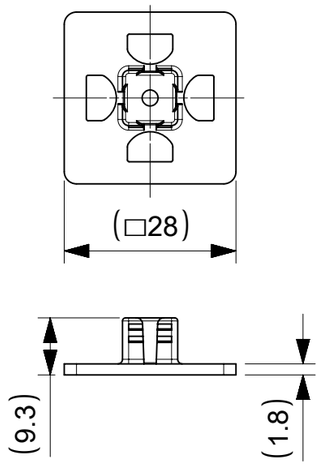




EARTH POSITION
H12 SHOWN




SCALE 1:1

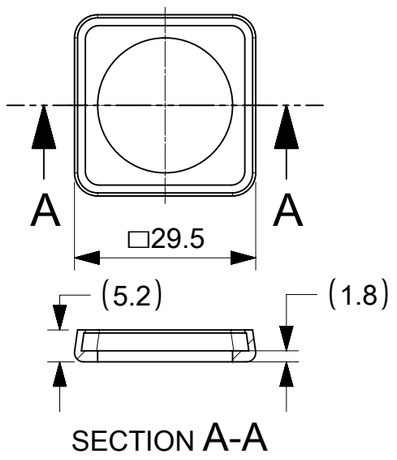
INTEGRATED GASKET




BOM

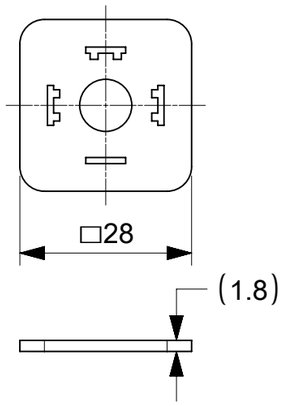
| ITEM | DESCRIPTION | QTY. |
|---|---|---|
| 1 | SCREW | 1 |
| 2 | COVER ASSEMBLY | 1 |
| 3 | INSERT ASSEMBLY | 1 |
| 4 | GASKET | 1 |

PROFILED GASKET

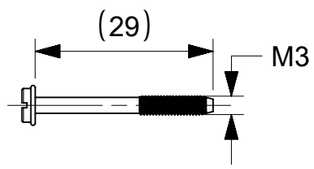



SECTION A-A

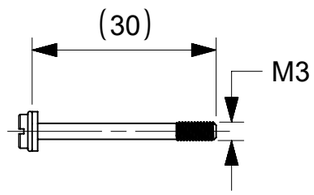
FLAT GASKET




SCREW M3x29




SCREW M3x30 + WASHER




NOTES :

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: E = 0, E = 0, E = 0, S = 0, ▼ = 0, C = 0, ☒ = 0, ■ = 0, V = 0

DIMENSION UNITS: mm
SCALE: 2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.1
1 PLACE ± 0.2
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 707042
DRWN: APAWLAK01 2022/05/17
CHK'D: RSILLER 2022/05/19
APPR: RSILLER 2022/05/19

INITIAL REVISION:
DRWN: SSM 2019/01/09
APPR: RSILLER 2019/01/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121023

molex

C18 SERIES ASSEMBLY OPTIONS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1210230229 | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE 1210230229 PDP | GENERAL MARKET | 1 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/05/19 08:31:01 |
|---|---|---|---|

FORMAT: ib-prod-A3
REVISION: H
DATE: 2018/01/18

# C18 SERIES MATRIX

OPTIONS

| C | 1 | 8 | X | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|

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

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

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

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 & SCERW + 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

| SYMBOLS | |
|---|---|
| FA = 0 | |
| FC = 0 | |
| FP = 0 | |
| S = 0 | |
| ▼ = 0 | |
| C = 0 | |
| ☒ = 0 | |
| ■ = 0 | |
| ▽ = 0 | |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.1 |
| 1 PLACE | ± 0.2 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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molex

C18 SERIES ASSEMBLY OPTIONS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1210230229 | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE 1210230229 PDP | GENERAL MARKET | 2 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/05/19 08:31:01 |
|---|---|---|---|

FORMAT: matrix_template.A3
REVISION: H
DATE: 2018/01/12