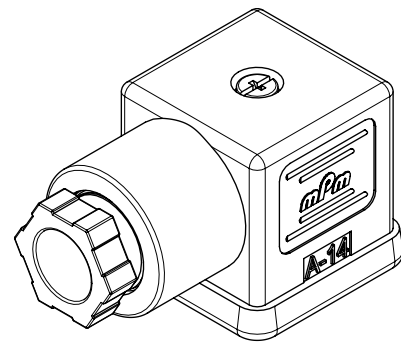




SCALE 1:1

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

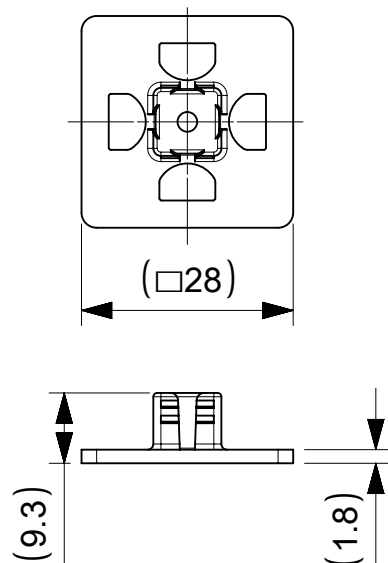
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

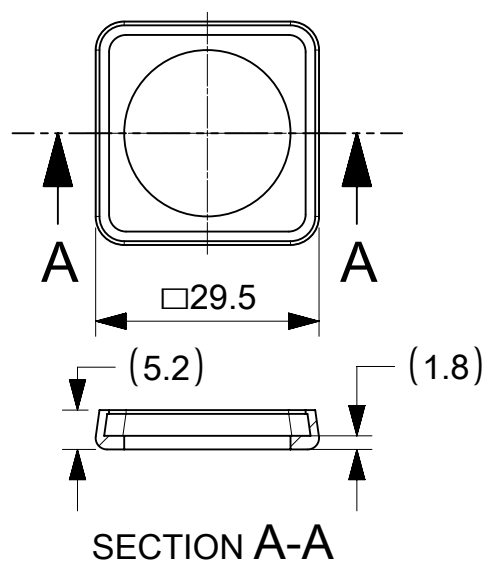
BOM

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

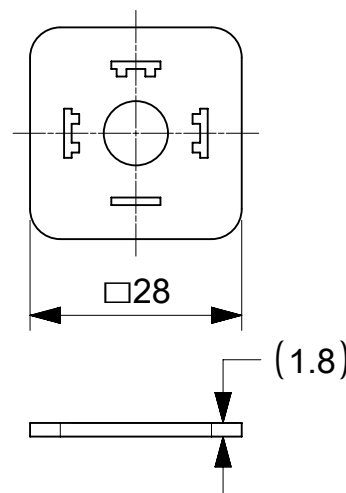
INTEGRATED GASKET



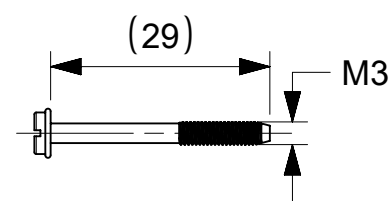
PROFIED GASKET



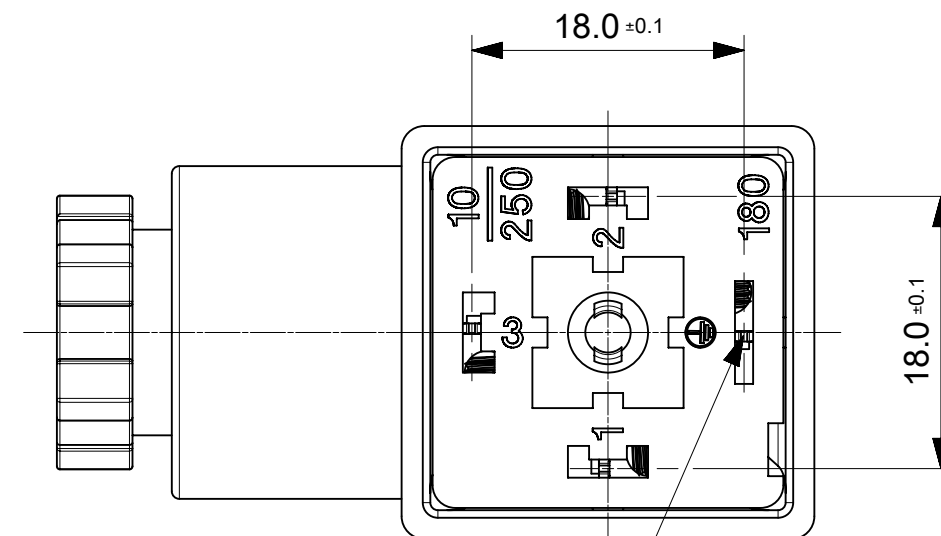
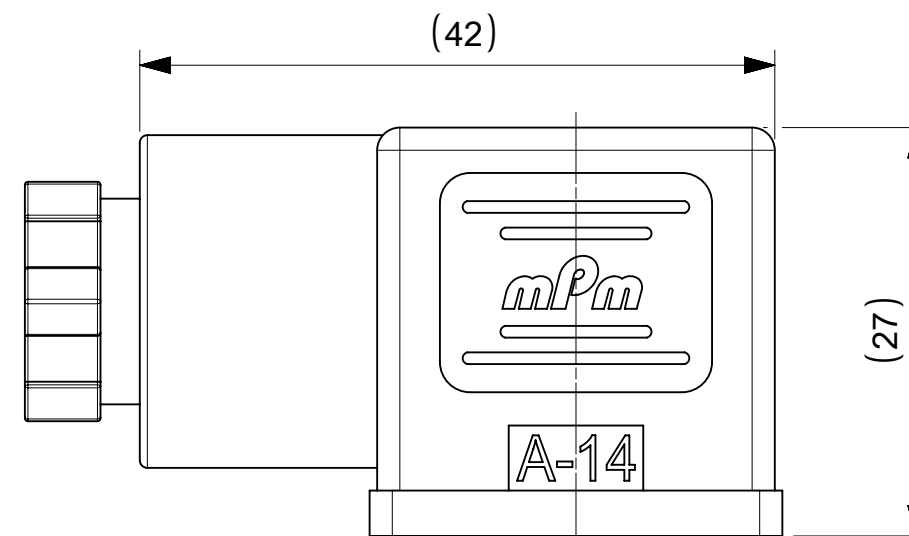
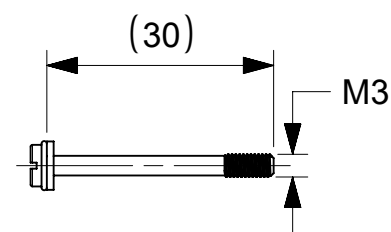
FLAT GASKET



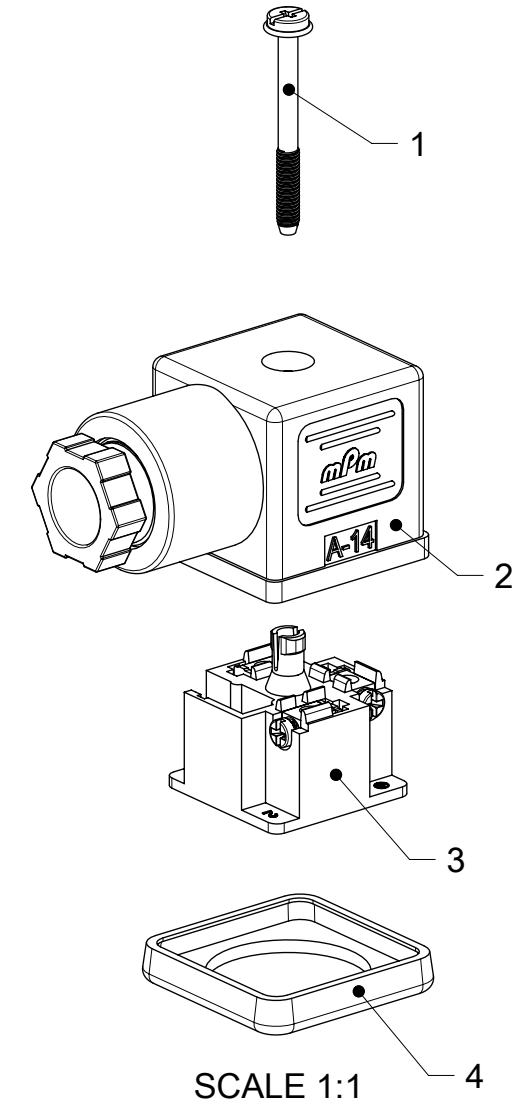
SCREW M3x29



SCREW M3x30 + WASHER

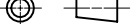


EARTH POSITION
H12 SHOWN

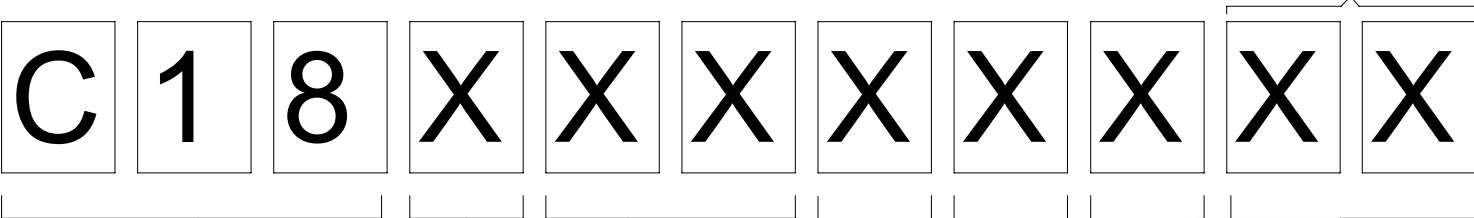


NOTES :

- PLEASE SEE PDP 1210230229 FOR CURRENTLY CONFIGURED PART NUMBERS.
- FOR PACKAGING SEE PACKAGING SPEC PK-121023-C18
- 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		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
		mm		2:1					
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				molex C18 SERIES ASSEMBLY OPTIONS			
 = 0									
 = 0									
 = 0		ANGULAR TOL ± °							
 = 0		4 PLACES		±					
 = 0		3 PLACES		±		DRWN: APAWLAK01 2022/05/17			
 = 0		2 PLACES		± 0.1		CHK'D: RSILLER 2022/05/19			
 = 0		1 PLACE		± 0.2		APPR: RSILLER 2022/05/19			
 = 0		0 PLACES		±		INITIAL REVISION:			
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: SSM 2019/01/09			
= 0						APPR: RSILLER 2019/01/15			
= 0									
		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		121023		1210230229	
								DOC TYPE	
								DOC PART	
								REVISION	
								PSD	
								000	
								A1	
								SHEET NUMBER	
								1 OF 2	

C18 SERIES MATRIX



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 & 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 COMPONENTS
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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
		mm		1:1									
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 707042				C18 SERIES ASSEMBLY OPTIONS			
= 0													
= 0		ANGULAR TOL ± °				DRWN: 707042							
= 0		4 PLACES ±				DRWN: APAWLAK01 2022/05/17							
= 0		3 PLACES ±				CHK'D: RSILLER 2022/05/19							
= 0		2 PLACES ± 0.1				APPR: RSILLER 2022/05/19							
= 0		1 PLACE ± 0.2				INITIAL REVISION:							
= 0		0 PLACES ±				DRWN: SSM 2019/01/09				DOCUMENT NUMBER			
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				1210230229			
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= 0						APPR: RSILLER 2019/01/15				DOC TYPE DOC PART REVISION			
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