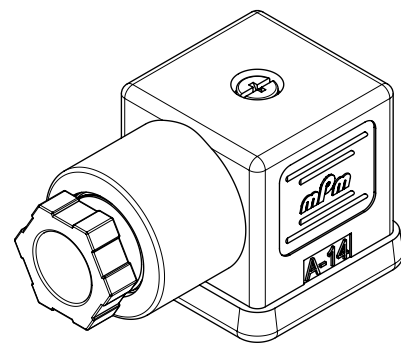




SCALE 1:1

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

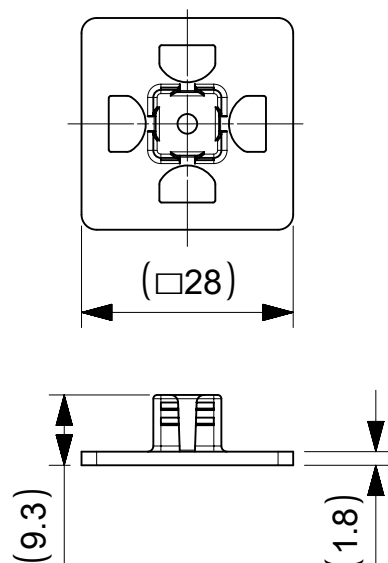
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

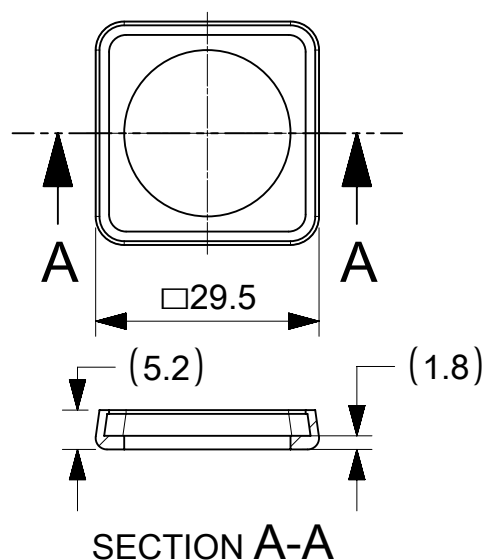
BOM

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

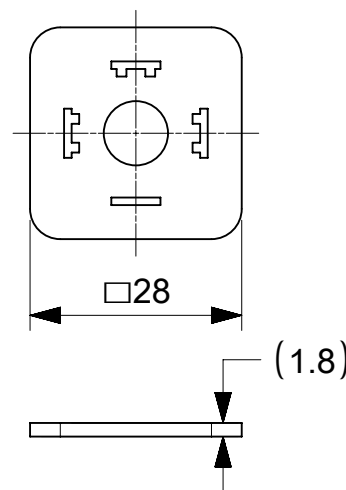
INTEGRATED GASKET



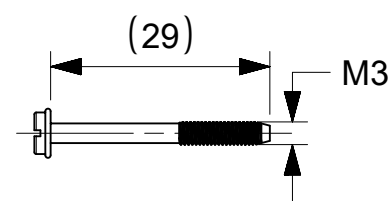
PROFIED GASKET



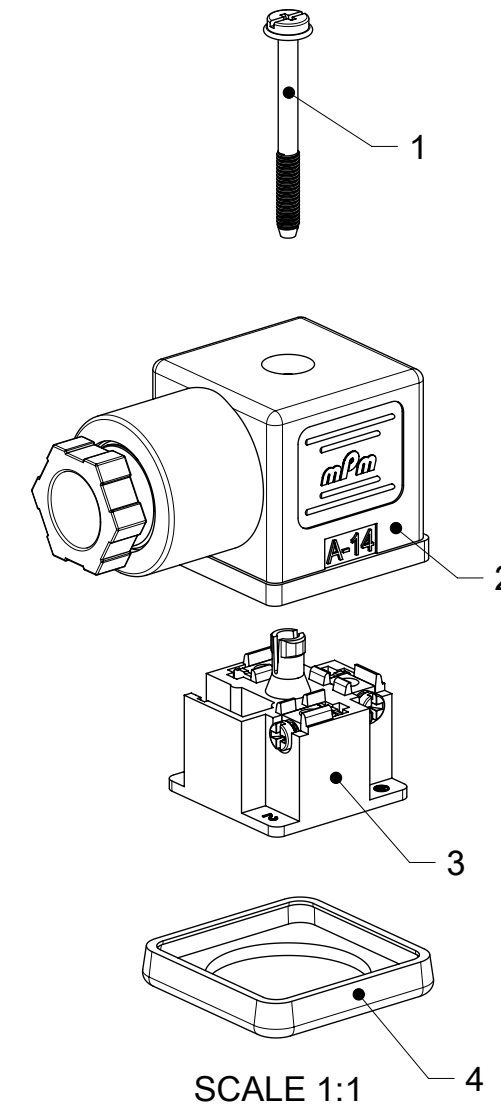
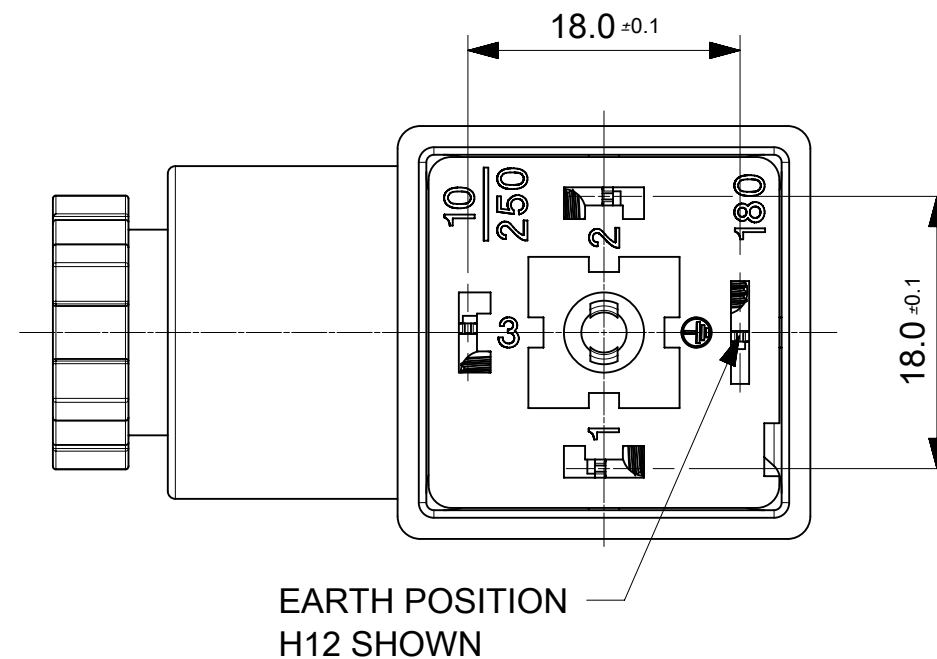
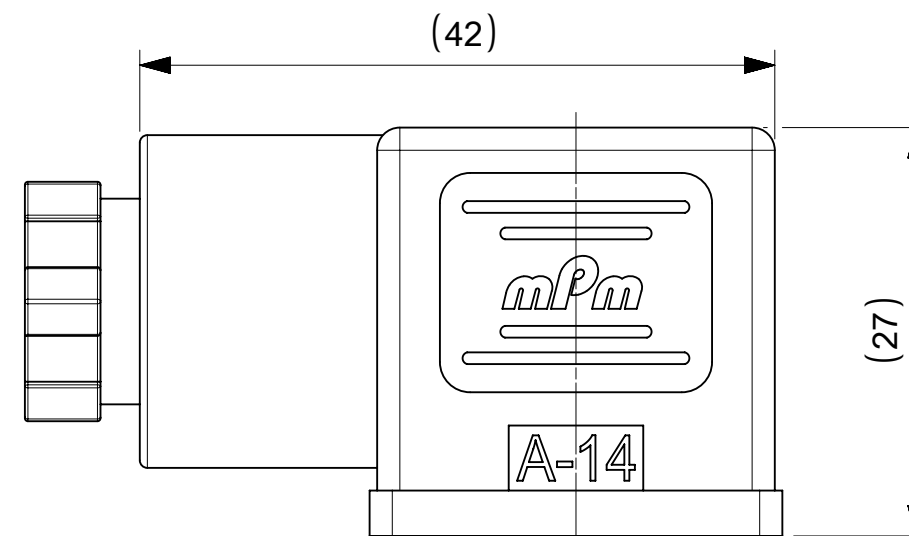
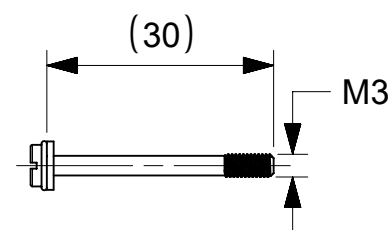
FLAT GASKET



SCREW M3x29

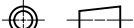


SCREW M3x30 + WASHER

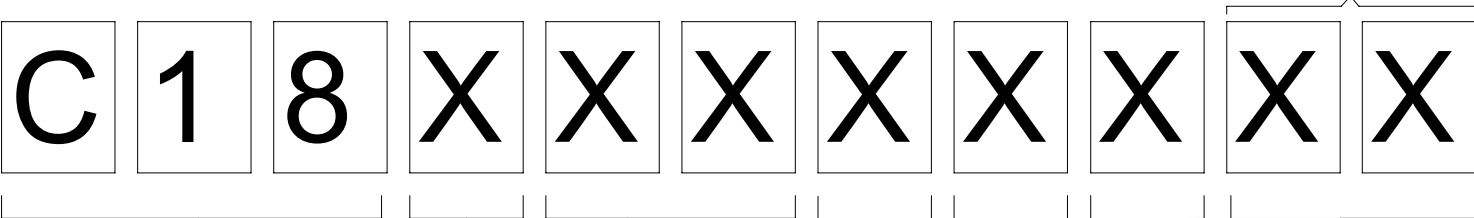


NOTES :

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		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
 = 0		mm		2:1		EC NO: 610370 DRWN: SSM 2019/01/09 CHK'D: RSILLER 2019/01/15 APPR: RSILLER 2019/01/15			
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
 = 0		ANGULAR TOL ± °							
 = 0		4 PLACES		±		C18 SERIES ASSEMBLY OPTIONS			
 = 0		3 PLACES		±					
 = 0		2 PLACES		± 0.1					
 = 0		1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING			
 = 0		0 PLACES		±					
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		121023	
						MATERIAL NUMBER		CUSTOMER	
						SEE 1210230229 PDP		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 2	

C18 SERIES MATRIX



SERIES
C18 - INTERNAL
THREAD
FORM A

POLES
2 - 2 POLE
3 - 3 POLE

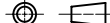
THREAD
09 - PG9
11- PG11
M6 - M6x1.5
M0 - M20x1.5
12 -1/2" GAS,
13 - 1/2" NPTF
39 - PG9 W/STRAIN RELIEF
41 - PG11 W/STRAIN RELIEF

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

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

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:			molex					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	▽ = 0	ANGULAR TOL		± °		EC NO: 610370 DRWN: SSM 2019/01/09 CHK'D: RSILLER 2019/01/15 APPR: RSILLER 2019/01/15			C18 SERIES ASSEMBLY OPTIONS				
		4 PLACES		±									
	▽ = 0	3 PLACES		±								PRODUCT CUSTOMER DRAWING	
		2 PLACES		± 0.1									
	▽ = 0	1 PLACE		± 0.2		INITIAL REVISION: DRWN: SSM 2019/01/09 APPR: RSILLER 2019/01/15			DOCUMENT NUMBER 1210230229		DOC TYPE PSD		
		0 PLACES		±									
	☒ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION 	DRAWING A3-SIZE
■ = 0		▽ = 0											

molex

C18 SERIES ASSEMBLY OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210230229	PSD	000	A

[illegible]

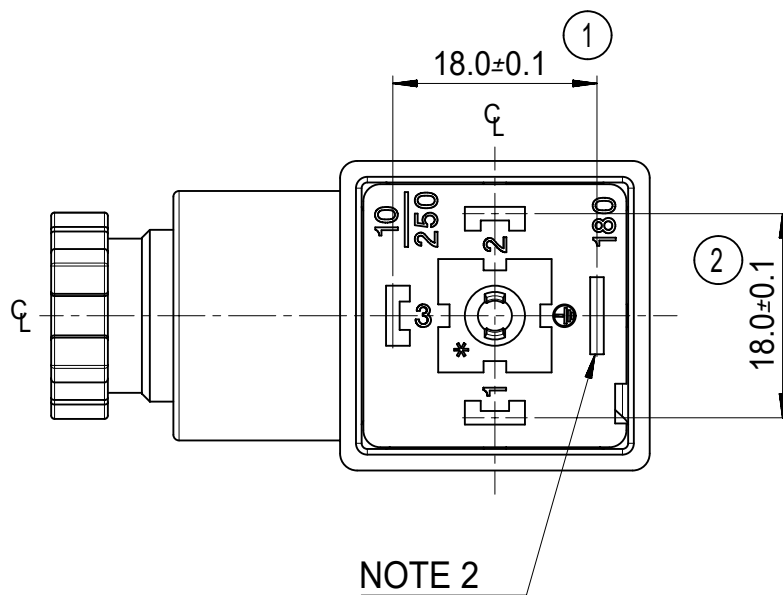
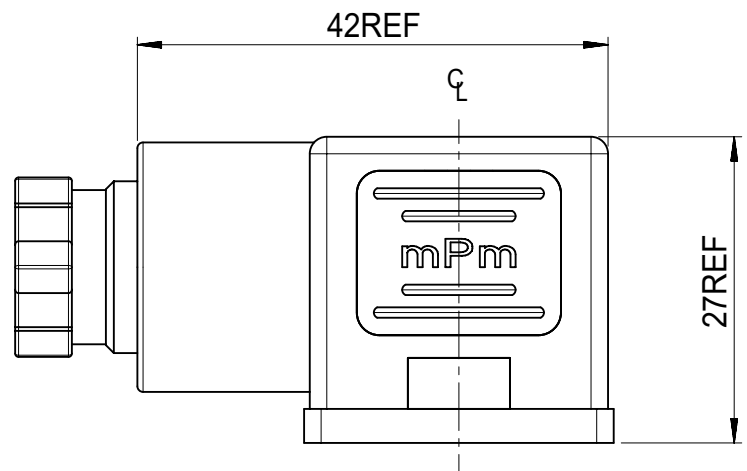
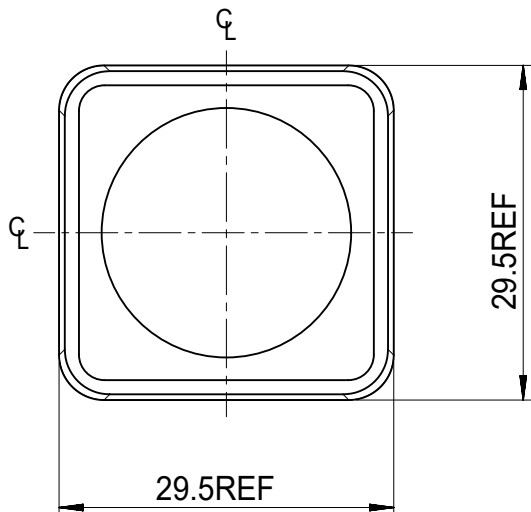
SCREW AND GASKET

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
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G= NO GASKET & STANDARD SCREW
I= BULK PACK FULLY MOUNTED, NO GASKET
P= INTEGRATED NBR GASKET & IP67 SCREW ASSEMBLED
R= INTEGRATED NBR GASKET & IP67 SCREW NOT ASSEMBLED

	5	4	3	2	1
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FORMAT: Met lege master-ib-prod-A2 REVISION: E DATE: 2020/1/14	13	12	11
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LAST INSPECTION NUMBER 2



NOTE 2

