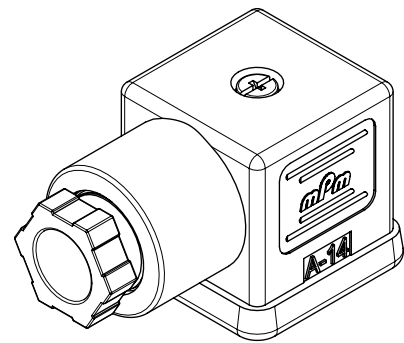




SCALE 1:1

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

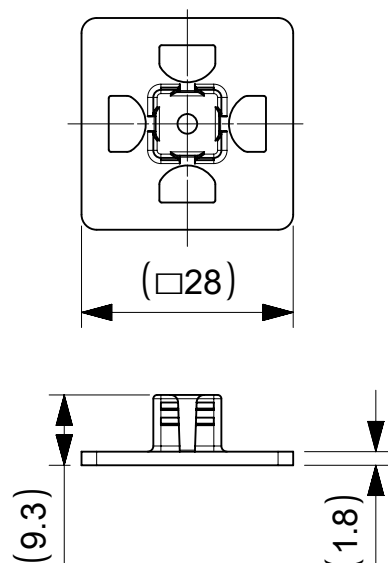
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

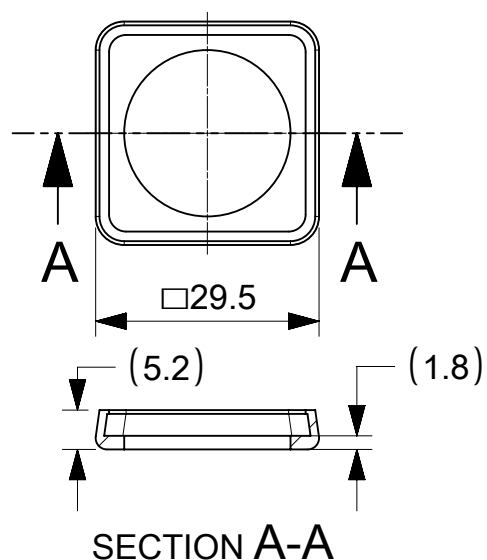
BOM

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

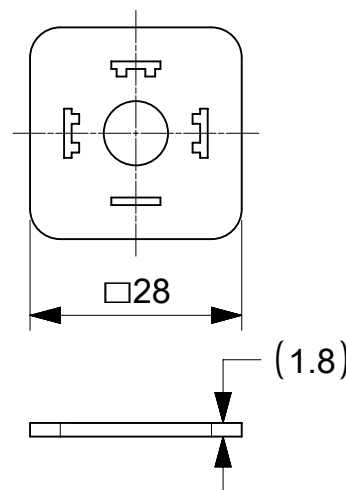
INTEGRATED GASKET



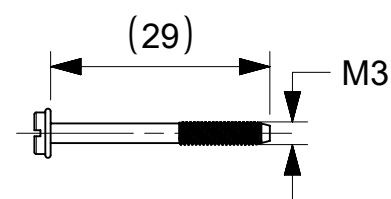
PROFIED GASKET



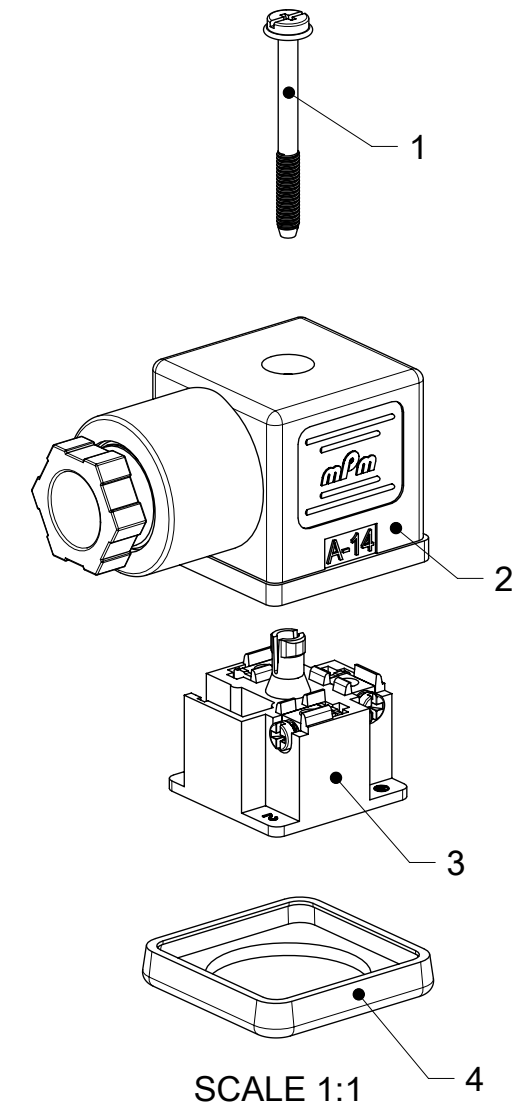
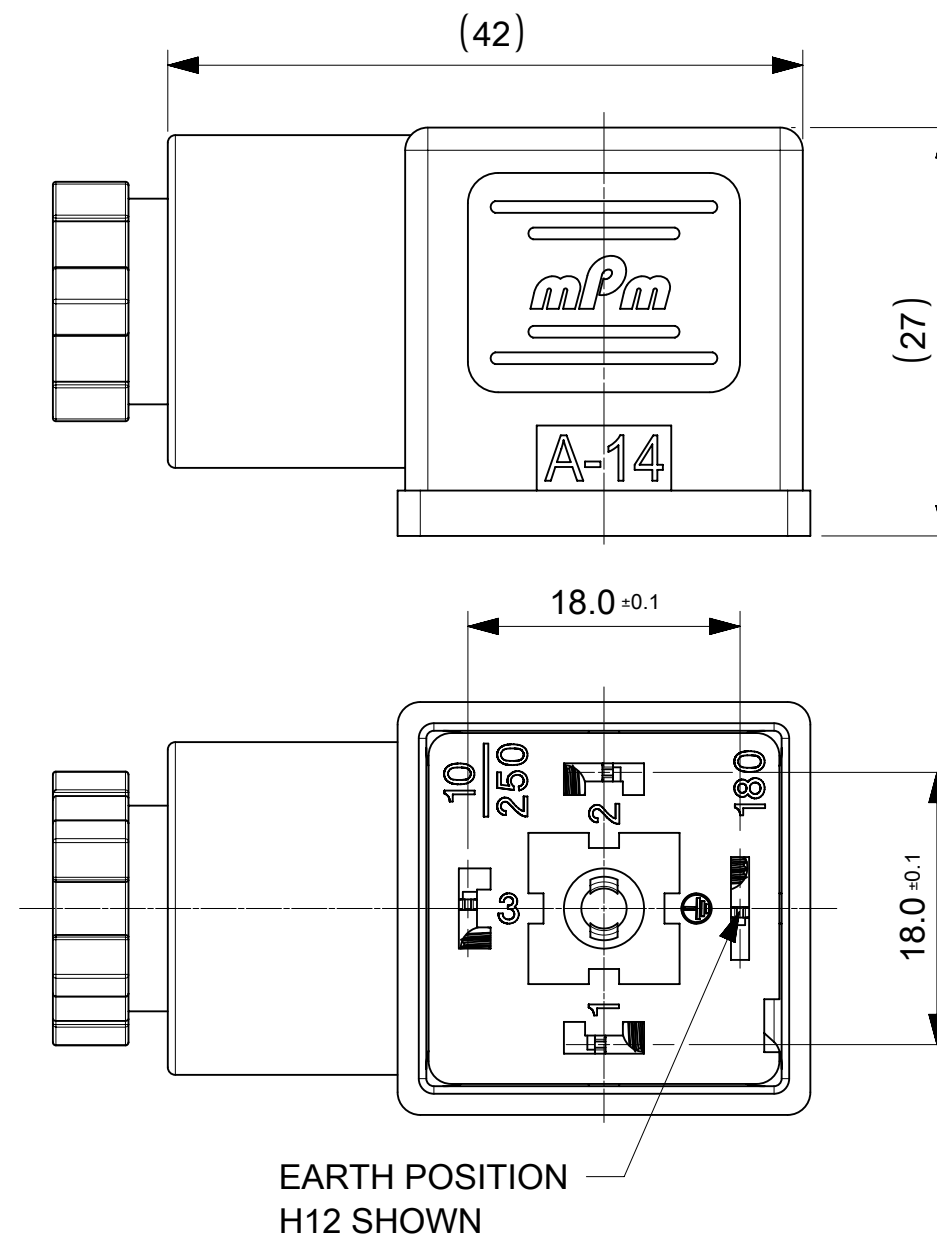
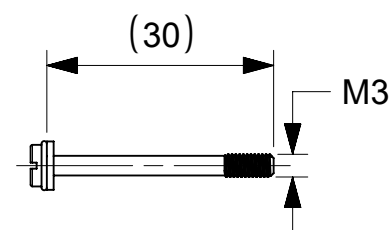
FLAT GASKET



SCREW M3x29

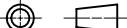


SCREW M3x30 + WASHER

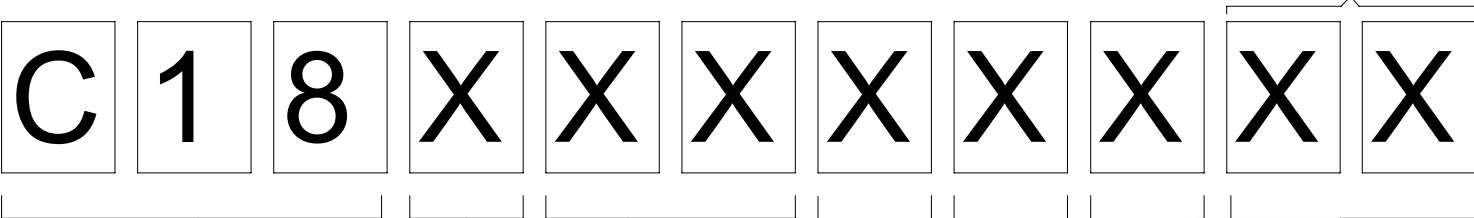


NOTES :

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:		molex						
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707042 DRWN: APAWLAK01 2022/05/17 CHK'D: RSILLER 2022/05/19 APPR: RSILLER 2022/05/19		C18 SERIES ASSEMBLY OPTIONS								
	ANGULAR TOL ± °												
	4 PLACES ±												
	3 PLACES ±												
	2 PLACES ± 0.1												
	1 PLACE ± 0.2		PRODUCT CUSTOMER DRAWING										
	0 PLACES ±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE		121023		SEE 1210230229 PDP		GENERAL MARKET		1 OF 2	

C18 SERIES MATRIX



SERIES
C18 - INTERNAL
THREAD
FORM A

POLES
2 - 2 POLE
3 - 3 POLE

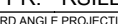
THREAD
09 - PG9
11- PG11
M6 - M6x1.5
M0 - M20x1.5
12 -1/2" GAS,
13 - 1/2" NPTF
39 - PG9 W/STRAIN RELIEF
41 - PG11 W/STRAIN RELIEF

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 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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:									
	mm		1:1											
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)								C18 SERIES ASSEMBLY OPTIONS					
 = 0														
 = 0	ANGULAR TOL ± °				EC NO: 707042				PRODUCT CUSTOMER DRAWING					
 = 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		DOCUMENT NUMBER					
 = 0	1 PLACE ± 0.2				INITIAL REVISION:								1210230229	
 = 0	0 PLACES ±				DRWN: SSM		2019/01/09							
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: RSILLER		2019/01/15		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 = 0					THIRD ANGLE PROJECTION									
 = 0					A3-SIZE		121023		SEE 1210230229 PDP		GENERAL MARKET		2 OF 2	

REVISION: 0011/05/04

ON:	DOCUMENT NUMBER
100	2011/05/04

1 PLACE	± 0.2	±	INITIAL REVISION:
0 PLACES			DRAWN: 100000000

1 PLACE	± 0.2	±	INITIAL REVISION
0 PLACES			REVISION 10000

2011105101	DOCUMENT NUMBER	DOC TYPE	DOC PART	REV
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FORMAT: Mel-loga-master-ib-prod-A2 REVISION: E1 DATE: 2021/06/01	13	12	11
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6	5	4	3	2	1
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