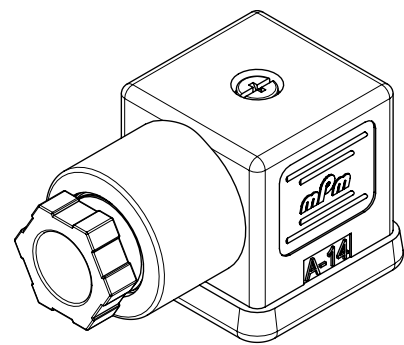




SCALE 1:1

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

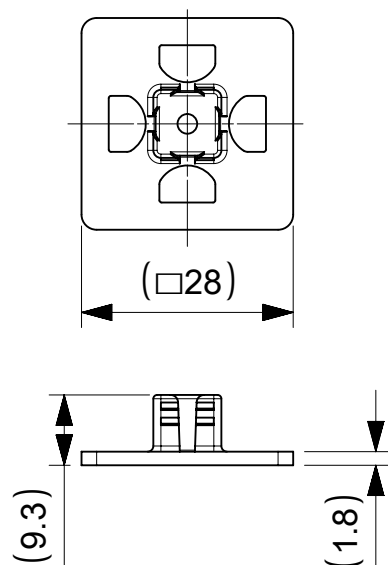
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

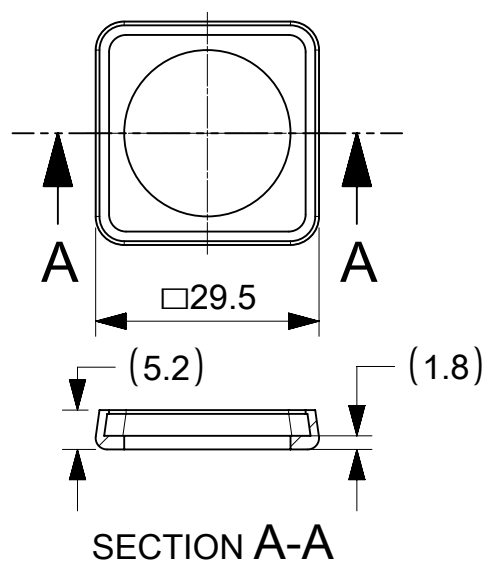
BOM

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

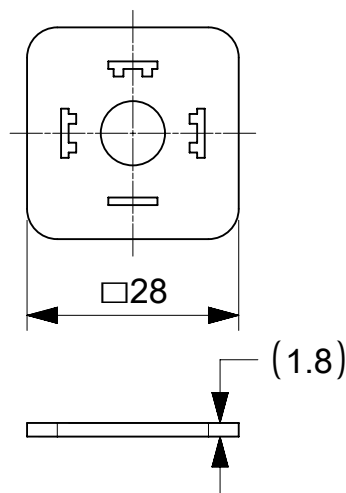
INTEGRATED GASKET



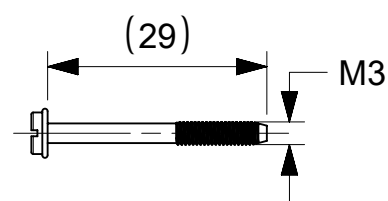
PROFIED GASKET



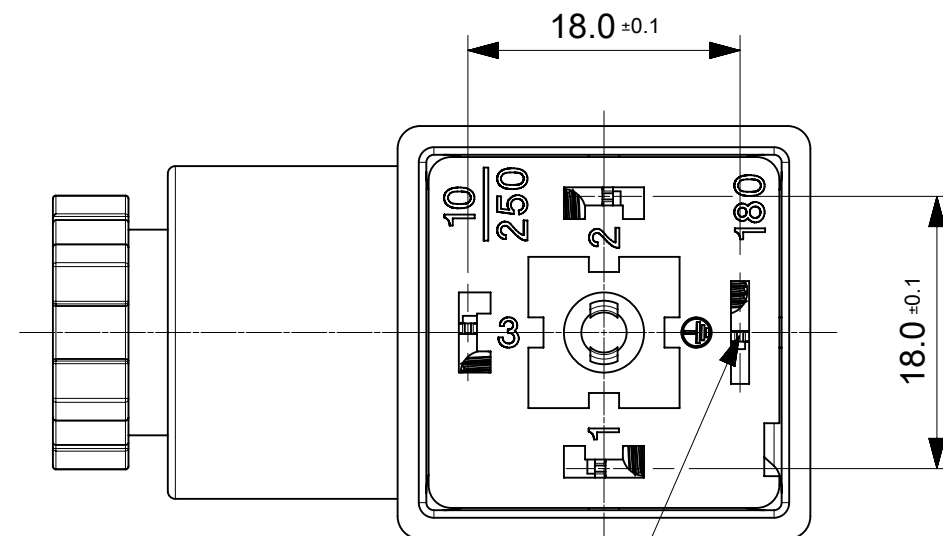
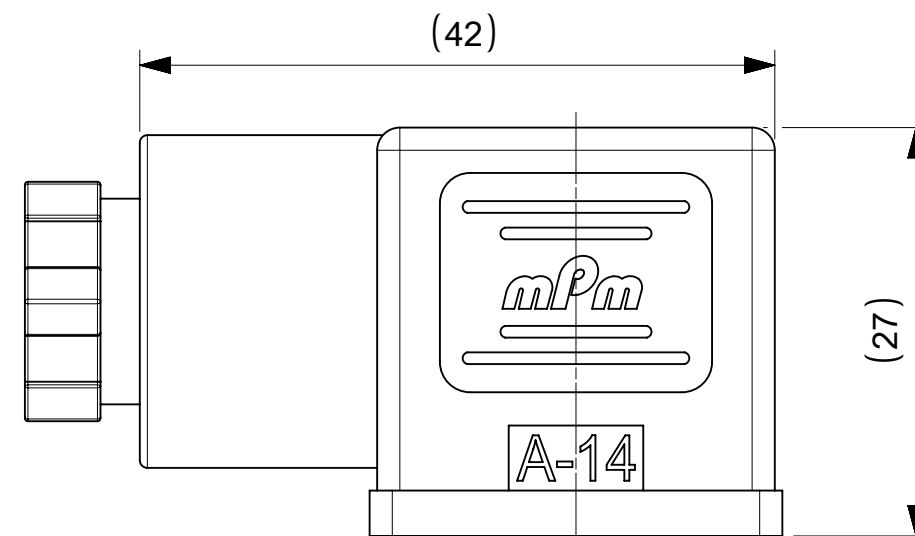
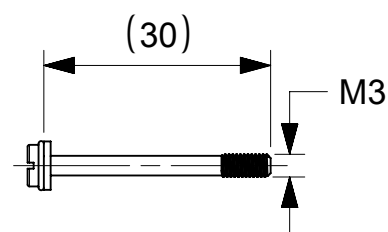
FLAT GASKET



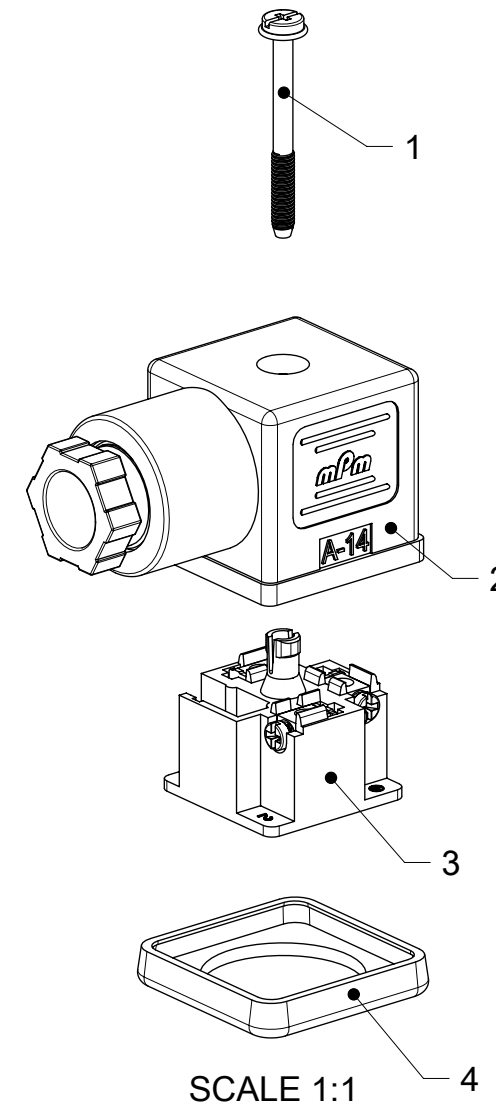
SCREW M3x29



SCREW M3x30 + WASHER



EARTH POSITION
H12 SHOWN

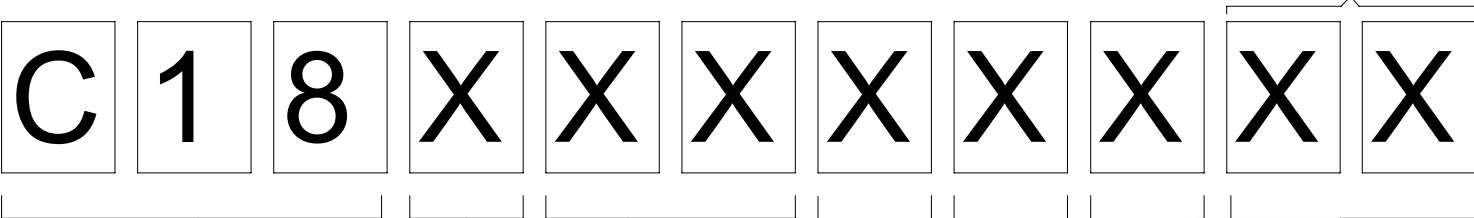


NOTES :

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: 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			
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
= 0		ANGULAR TOL ± °							
= 0		4 PLACES		±					
= 0		3 PLACES		±					
= 0		2 PLACES		± 0.1					
= 0		1 PLACE		± 0.2					
= 0		0 PLACES		±					
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		121023	
						SEE 1210230229 PDP		CUSTOMER	
						GENERAL MARKET		SHEET NUMBER	
								1 OF 2	

C18 SERIES MATRIX



SERIES
C18 - INTERNAL
THREAD
FORM A

POLES
2 - 2 POLE
3 - 3 POLE

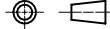
THREAD
09 - PG9
11- PG11
M6 - M6x1.5
M0 - M20x1.5
12 -1/2" GAS,
13 - 1/2" NPTF
39 - PG9 W/STRAIN RELIEF
41 - PG11 W/STRAIN RELIEF

MATERIAL AND
HOUSING COLOR:
G - PA6 Grey
N - Black Black
T - Transparent
W - Black UL94 - V0
H - PA6 HEAT PROTECTION
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														
 = 0	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: APAWLAK01 2022/05/17			PRODUCT CUSTOMER DRAWING							
 = 0	4 PLACES ±				CHK'D: RSILLER 2022/05/19										
 = 0	3 PLACES ±				APPR: RSILLER 2022/05/19			DOCUMENT NUMBER							
 = 0	2 PLACES ± 0.1				INITIAL REVISION:							1210230229		DOC TYPE	
 = 0	1 PLACE ± 0.2				DRWN: SSM 2019/01/09										
 = 0	0 PLACES ±				APPR: RSILLER 2019/01/15			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
 = 0	DRAFT WHERE APPLICABLE				THIRD ANGLE PROJECTION									A3-SIZE	
= 0	MUST REMAIN WITHIN DIMENSIONS							SEE 1210230229 PDP		GENERAL MARKET		2 OF 2			

molex

C18 SERIES ASSEMBLY OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210230229	PSD	000	A1

REVISION: 0011/05/04

ON:	DOCUMENT NUMBER
100	2011/05/04

1 PLACE	± 0.2	$\pm$	INITIAL REVISION: DRAWN: _____ CHECKED: _____ DATE: _____
2 PLACES	$\pm$	$\pm$	

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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14	13	12	11	10	9	8	7	6	5	4	3	2	1
PART No.	mPm PART No.	DESCRIPTION											
1210230229	C18209G21	TYPE A 2P PG9 GRAY, NBR PROFILE GASKET & SCREW											
1210230231	C18209G22	TYPE A 2P PG9 GRAY, NBR FLAT GASKET & SCREW											
1210230238	C18209N21	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET & SCREW											
1210230242	C18209N22	TYPE A 2P PG9 BLACK, NBR FLAT GASKET & SCREW											
1210230244	C18209N23	TYPE A 2P PG9 BLACK, WHITE SILICONE PROFILE GASKET & SCREW											
1210230245	C18209N24	TYPE A 2P PG9 BLACK, WHITE SILICONE FLAT GASKET & SCREW											
1210230246	C18209N25	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET, NO SCREW											
1210230249	C18209N2A	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET & SCREW +2mm											
1210230251	C18209N31	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET & SCREW											
1210230252	C18209N61	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET & SCREW											
1210230253	C18209N62	TYPE A 2P PG9 BLACK, NBR FLAT GASKET & SCREW											
1210230254	C18209T21	TYPE A 2P PG9 TRANSPARENT, NBR PROFILE GASKET & SCREW											
1210230271	C18211G21	TYPE A 2P PG11 GRAY, NBR PROFILE GASKET & SCREW											
1210230278	C18211N21	TYPE A 2P PG11 BLACK, NBR PROFILE GASKET & SCREW											
1210230282	C18211N23	TYPE A 2P PG11 BLACK, WHITE SILICONE PROFILE GASKET & SCREW											
1210230283	C18211N24	TYPE A 2P PG11 BLACK, WHITE SILICONE FLAT GASKET & SCREW											
1210230284	C18211N61	TYPE A 2P PG11 BLACK, NBR PROFILE GASKET & SCREW											
1210230286	C18211T21	TYPE A 2P PG11 TRANSPARENT, NBR PROFILE GASKET & SCREW											
1210230319	C18213N21	TYPE A 2P 1/2" NPTF BLACK, NBR PROFILE GASKET & SCREW											
1210230328	C18239G21	TYPE A 2P PG9 W/STRAIN RELIEF GRAY, NBR PROFILE GASKET & SCREW											
1210230331	C18241N21	TYPE A 2P PG11 W/STRAIN RELIEF BLACK, NBR PROFILE GASKET & SCREW											
1210230336	C18309G21	TYPE A 3P PG9 GRAY, NBR PROFILE GASKET & SCREW											
1210230337	C18309G22	TYPE A 3P PG9 GRAY, NBR FLAT GASKET & SCREW											
1210230341	C18309N21	TYPE A 3P PG9 BLACK, NBR PROFILE GASKET & SCREW											
1210230345	C18309N23	TYPE A 3P PG9 BLACK, WHITE SILICONE PROFILE GASKET & SCREW											
1210230346	C18309N24	TYPE A 3P PG9 BLACK, WHITE SILICONE FLAT GASKET & SCREW											
1210230352	C18309N2G	TYPE A 3P PG9 BLACK, NO GASKET, & STANDARD SCREW											
1210230358	C18309T21	TYPE A 3P PG9 TRANSPARENT, NBR PROFILE GASKET & SCREW											
1210230364	C18309W21	TYPE A 3P PG9 BLACK V0, NBR PROFILE GASKET & SCREW											
1210230367	C18309W23	TYPE A 3P PG9 BLACK V0, WHITE SILICONE PROFILE GASKET & SCREW											
1210230372	C18311G21	TYPE A 3P PG11 GRAY, NBR PROFILE GASKET & SCREW											
1210230373	C18311G22	TYPE A 3P PG11 GRAY, NBR FLAT GASKET & SCREW											
1210230374	C18311G61	TYPE A 3P PG11 GRAY, NBR PROFILE GASKET & SCREW											
1210230377	C18311N21	TYPE A 3P PG11 BLACK, NBR PROFILE GASKET & SCREW											
1210230378	C18311N22	TYPE A 3P PG11 BLACK, NBR FLAT GASKET & SCREW											
1210230379	C18311N31	TYPE A 3P PG11 BLACK, NBR PROFILE GASKET & SCREW											
1210230382	C18311N61	TYPE A 3P PG11 BLACK, NBR PROFILE GASKET & SCREW											
1210230384	C18311T21	TYPE A 3P PG11 TRANSPARENT, NBR PROFILE GASKET & SCREW											
1210230401	C18312N22	TYPE A 3P 1/2" GAS BLACK, NBR FLAT GASKET & SCREW											
1210230414	C18313N21	TYPE A 3P 1/2" NPTF BLACK, NBR PROFILE GASKET & SCREW											
1210230415	C18313N22	TYPE A 3P 1/2" NPTF BLACK, NBR FLAT GASKET & SCREW											
1210230421	C18339N23	TYPE A 3P PG9 W/STRAIN RELIEF BLACK, WHITE SILICONE PROFILE GASKET & SCREW											
1210230422	C18339N2C	TYPE A 3P PG9 W/STRAIN RELIEF BLACK, WHITE SILICONE PROFILE GASKET, & SCREW +2mm											
1210230645	C183M6N21	TYPE A 3P M16x1.5 BLACK, NBR PROFILE GASKET & SCREW											
1210230656	C183M6G21	TYPE A 3P M16x1.5 GRAY, NBR PROFILE GASKET & SCREW											
1210230660	C183M0N21	TYPE A 3P M20x1.5 BLACK, NBR PROFILE GASKET & SCREW											
1210230662	C182M0N21	TYPE A 2P M20x1.5 BLACK, NBR PROFILE GASKET & SCREW											
1210230677	C182M6N21	TYPE A 2P M16x1.5 BLACK, NBR PROFILE GASKET & SCREW											
1210230704	C182M6N22	TYPE A 2P M16x1.5 BLACK, NBR FLAT GASKET & SCREW											
1210230718	C182M6G21	TYPE A 2P M16x1.5 GRAY, NBR PROFILE GASKET & SCREW											
1210230741	C183M0N2G	TYPE A 3P M20x1.5 BLACK, NO GASKET, & STANDARD SCREW											
1210230763	C18311W2G	TYPE A 3P PG11 BLACK V0, NO GASKET, & STANDARD SCREW											
1210230780	C18312N23	TYPE A 3P 1/2" GAS BLACK, WHITE SILICONE PROFILE GASKET & SCREW											
1210230793	C18309N2A	TYPE A 3P PG9 BLACK, NBR PROFILE GASKET & SCREW +2mm											