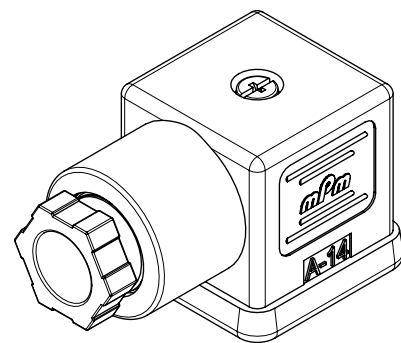




SCALE 1:1

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

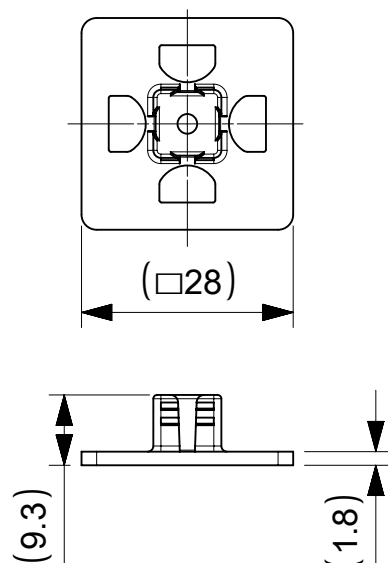
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

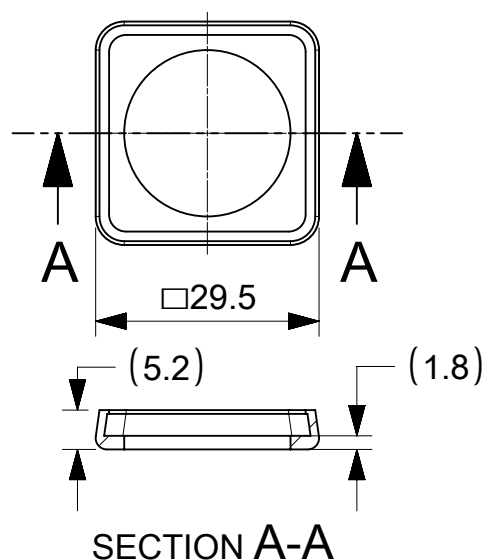
BOM

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

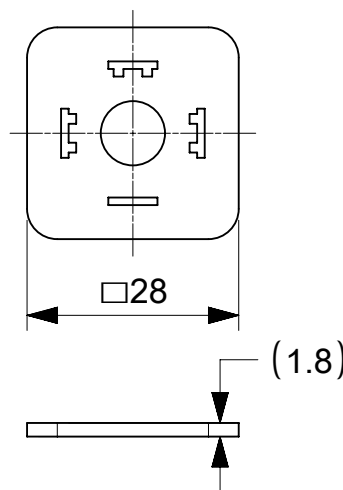
INTEGRATED GASKET



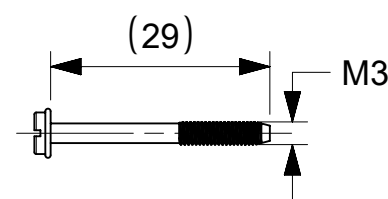
PROFIED GASKET



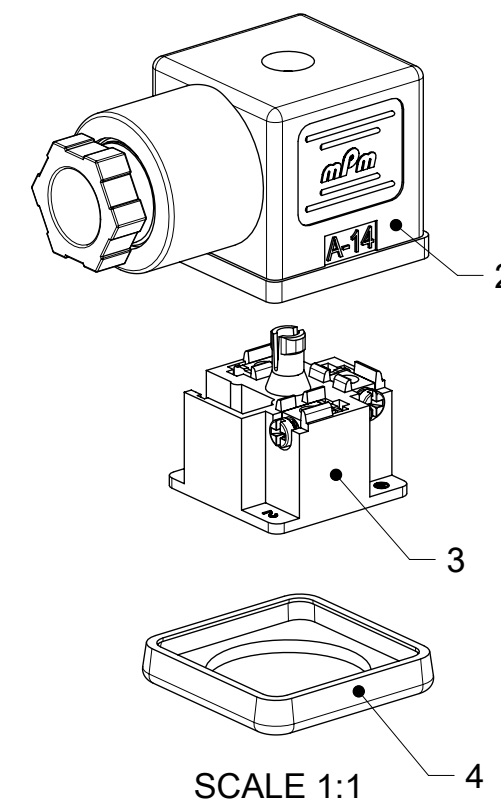
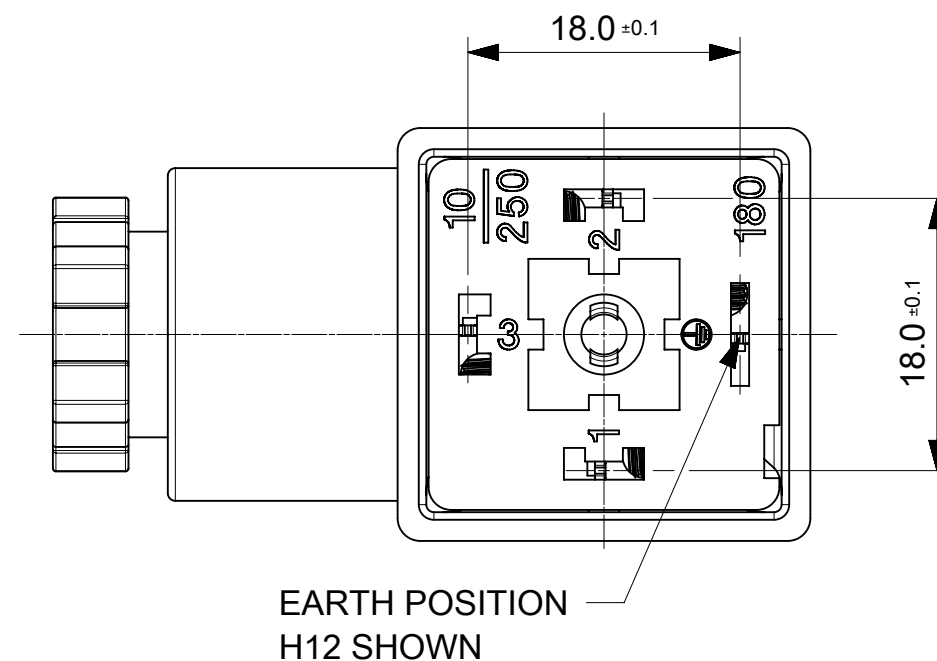
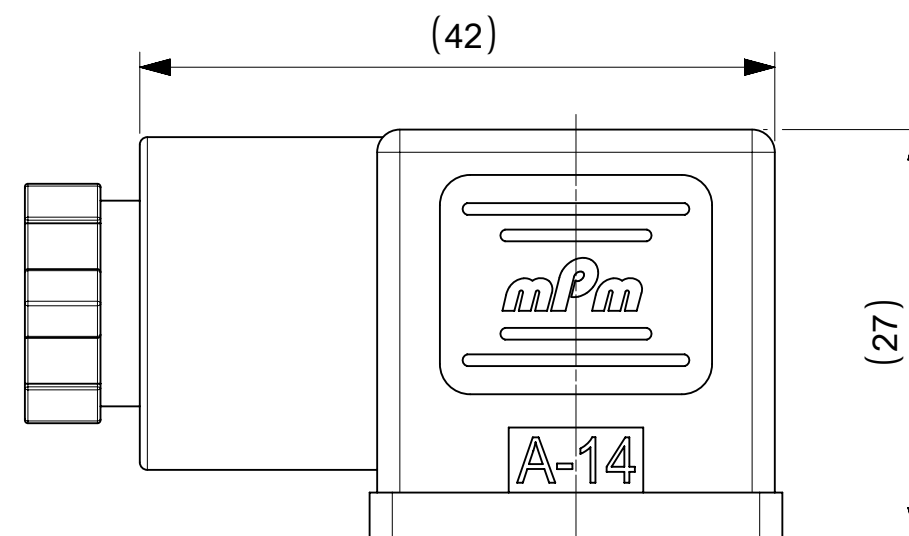
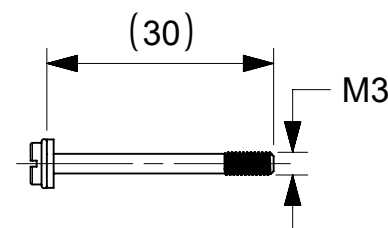
FLAT GASKET



SCREW M3x29



SCREW M3x30 + WASHER



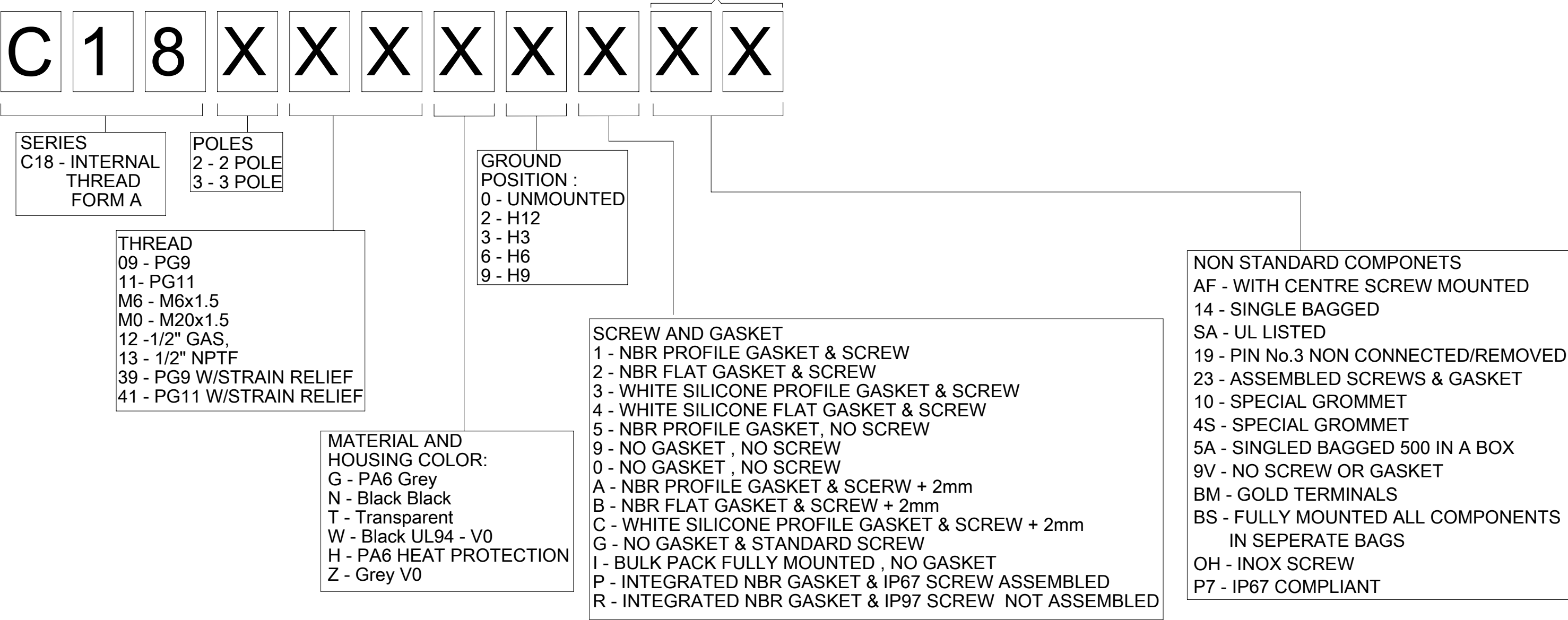
SCALE 1:1

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												
F = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)			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			C18 SERIES ASSEMBLY OPTIONS								
F = 0																
F = 0																
S = 0		ANGULAR TOL ± °														
S = 0		4 PLACES ±														
S = 0		3 PLACES ±														
C = 0		2 PLACES ± 0.1														
C = 0		1 PLACE ± 0.2														
C = 0		0 PLACES ±														
X = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 121023		MATERIAL NUMBER SEE 1210230229 PDP		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	
X = 0																
■ = 0																
V = 0																

C18 SERIES MATRIX



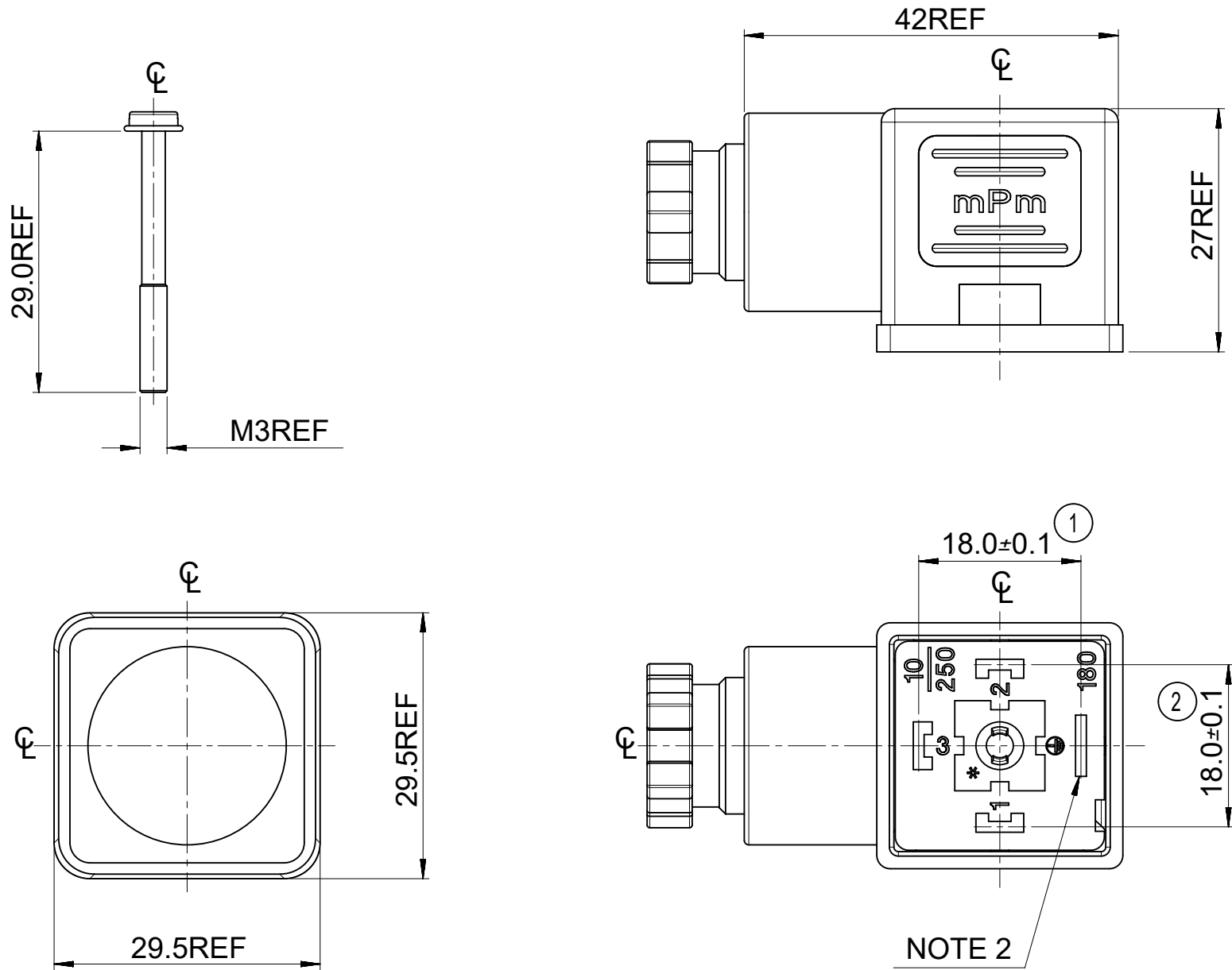
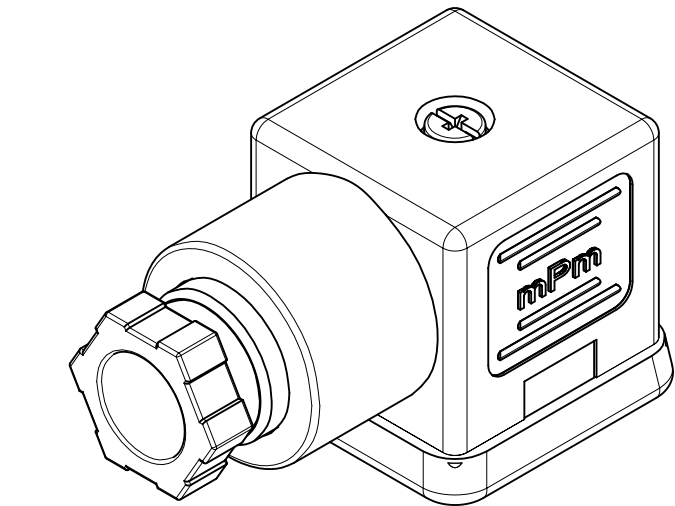
ITEM	DESCRIPTION
1	SCREW
2	COVER ASSEMBLY
3	INSERT ASSEMBLY
4	GASKET

C18209N21 **

SERIES
C18= INTERNAL THREAD FORM A
POLES
2= 2 POLE & 3= 3 POLE
THREAD SIZE
09= PG9, 11= PG11, M6= M16x1.5, M0= M20x1.5, 12= 1/2" GAS, 13= 1/2" NPTF
39= PG9 W/STRAIN RELIEF, 41= PG11 W/STRAIN RELIEF
MATERIAL AND HOUSING COLOUR
G = PA6 GRAY, H= PA6 HEAT PROTECTION,
N= PA6 BLACK, W= PA66 BLACK V0, T= TRANSPARENT
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 & IP67 SCREW NOT ASSEMBLED

NON STANDARD COMPONENTS
14= SINGLE BAG
19= PIN NO.3 NON CONNECTED/REMOVED,
23= ASSEMBLED SCREWS & GASKET
10= SPECIAL GROMMET
4S= SPECIAL GROMMET
5A= SINGLE BAGGED 500 IN A BOX
9V= NO SCREW OR GASKET
AF= CENTRE SCREW MOUNTED
BM= GOLD TERMINALS
BS= FULLY UNMOUNTED ALL COMPONENTS IN SEPARATE BAGS
OH= INOX SCREW
P7= IP67 COMPLIANT
SA= UL LISTED PART



- NOTES
- PLEASE SEE SHEET 2 FOR CURRENTLY CONFIGURED PART NUMBERS, FOR SPECIFIC PART NUMBERS PLEASE CONTACT SALES OR CONSULT THE INTELLIGENT PART NUMBERS IN THE TABLE ATTACHED
 - EARTH POSITION SHOWN, H12.
 - FOR PACKAGING SEE PACKAGING SPEC PK-121023-C18
 - PRODUCT SPEC: SEE PS-121201-001

LAST INSPECTION NUMBER 2

FUNCTIONAL 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515767					molex						
	mm		1.5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 806185 DRWN: VISHAH2 CHK'D: GGA APPR: GGA 2024/11/25 2024/12/16 2024/12/16					C18 SERIES INTERNAL THREAD	
	MM		INCH													
	4 PLACES		±	±	PRODUCT CUSTOMER DRAWING											
	3 PLACES		±	±												
	2 PLACES		±	0.1					±							
	1 PLACE		±	0.2					±							
	DIVISIONAL SYMBOLS	0 PLACES		±	±	INITIAL REVISION: DRWN: JOCONNOR APPR: EFOLAN 2011/05/04 2011/05/24					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		±	°	SD-121023-001							PSD	001	P5			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A2-SIZE		121023		SEE TABLE		GENERAL MARKET		1 OF 2		

molex

C18 SERIES
INTERNAL THREAD

PRODUCT CUSTOMER DRAWING

SD-121023-001

PSD

001

P5

