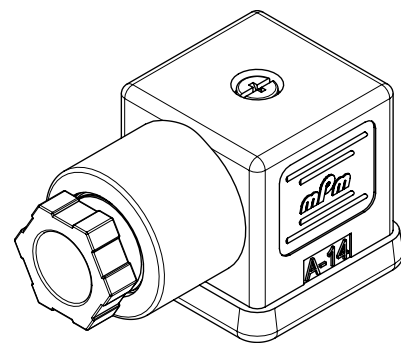




SCALE 1:1

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

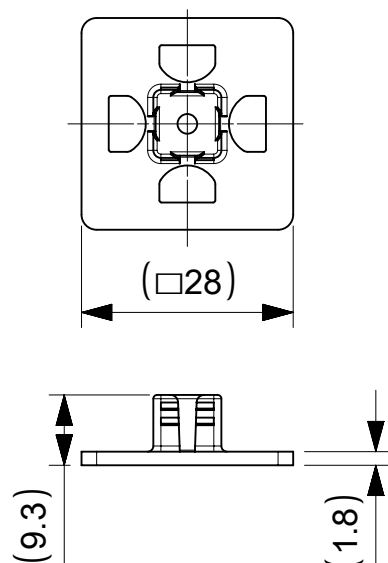
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

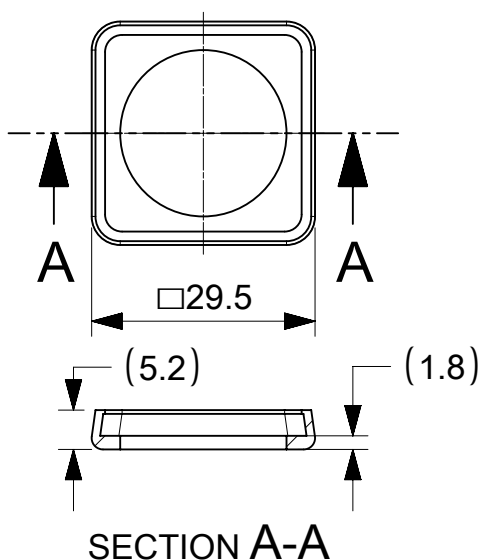
BOM

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

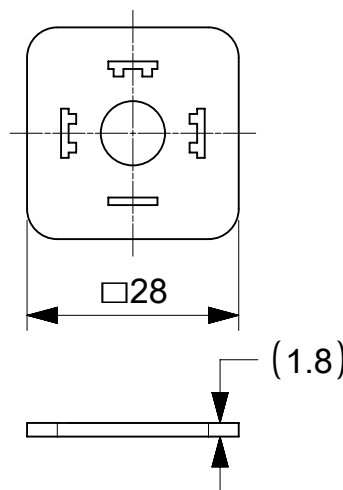
INTEGRATED GASKET



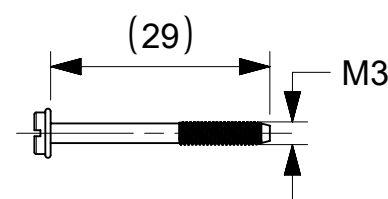
PROFIED GASKET



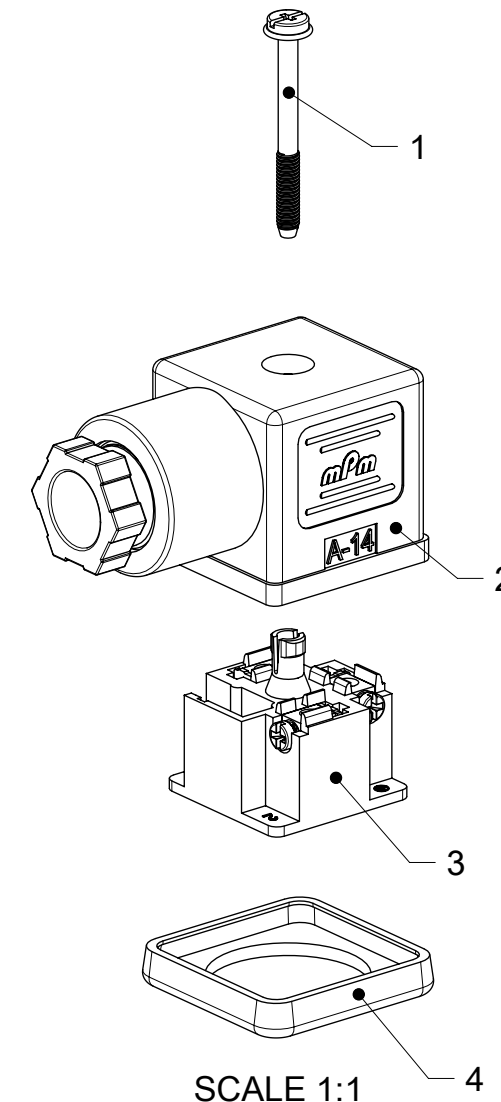
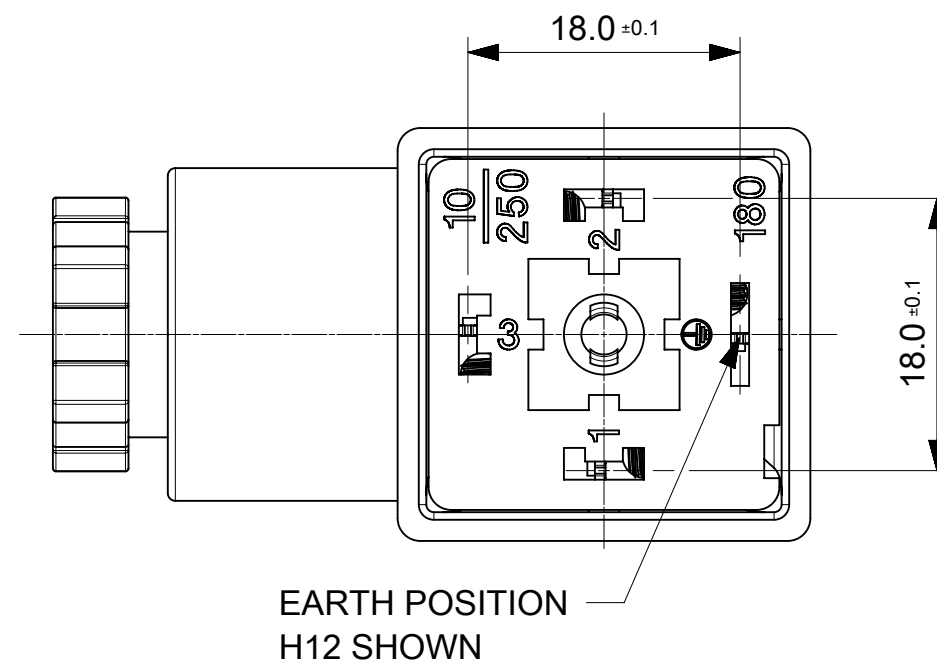
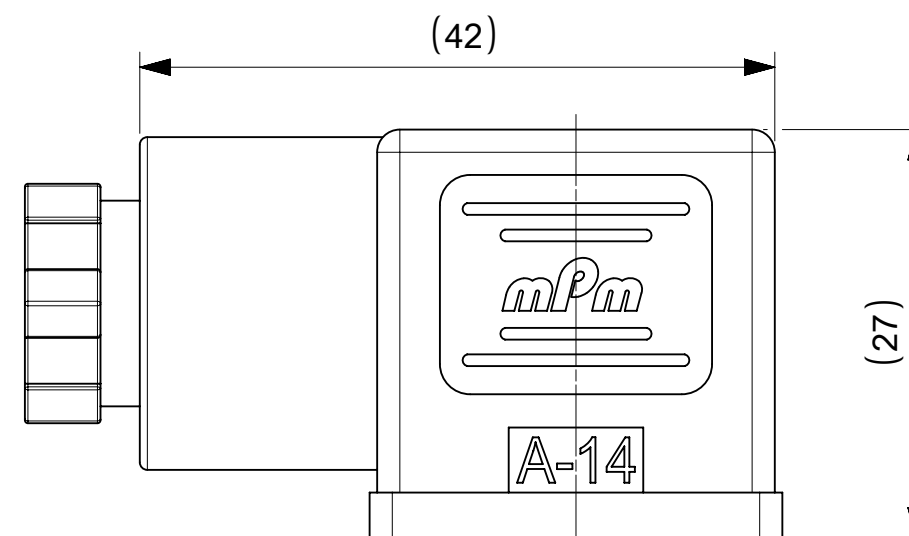
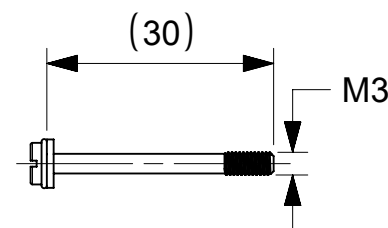
FLAT GASKET



SCREW M3x29



SCREW M3x30 + WASHER

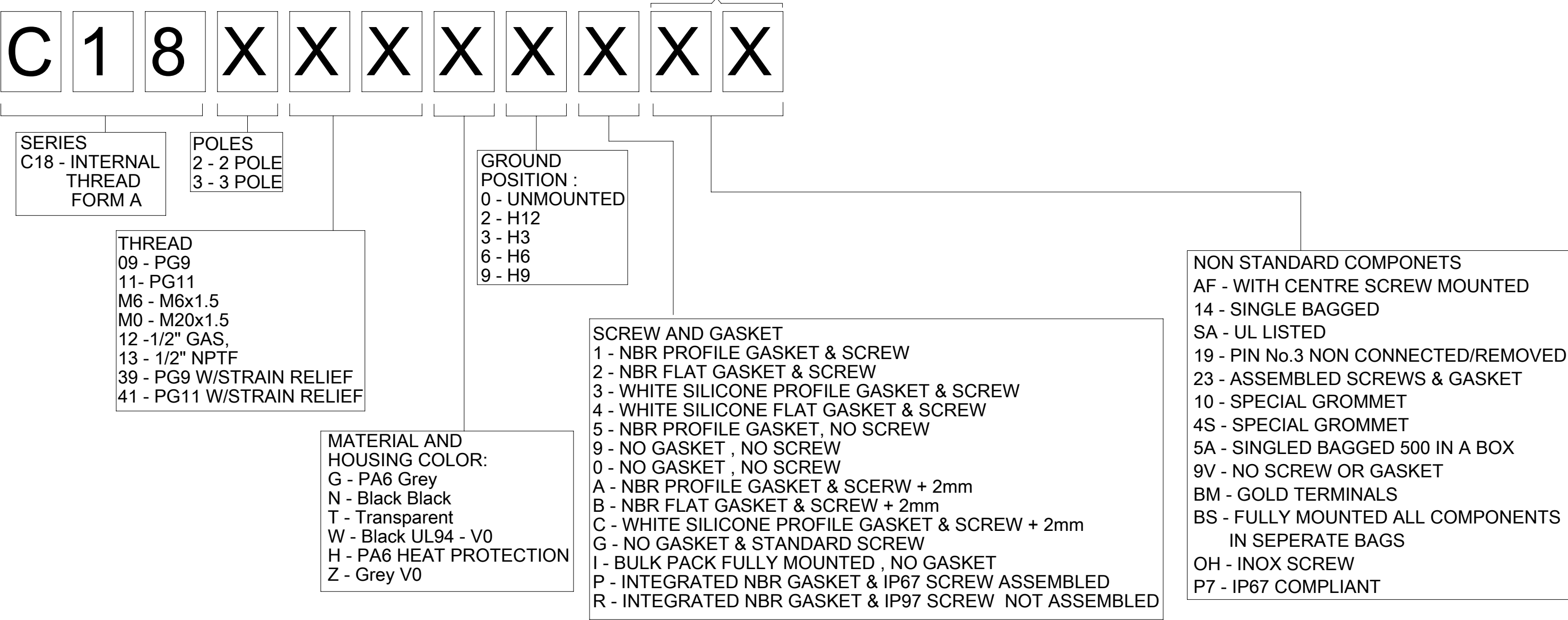


NOTES :

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											
 = 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			
 = 0															
 = 0		ANGULAR TOL ± °													
 = 0		4 PLACES		±		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER 1210230229		DOC TYPE PSD	DOC PART 000	REVISION A1	
 = 0		3 PLACES		±											
 = 0		2 PLACES		± 0.1											
 = 0		1 PLACE		± 0.2		SHEET NUMBER 1 OF 2									
 = 0		0 PLACES		±											
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 121023		MATERIAL NUMBER SEE 1210230229 PDP		CUSTOMER GENERAL MARKET	

C18 SERIES MATRIX



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:
	= 0	mm	1:1
	= 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
= 0			DRAWING
		SERIES	121023
		MATERIAL NUMBER	SEE 1210230229 PDP
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	2 OF 2

molex

C18 SERIES ASSEMBLY OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210230229	PSD	000	A1

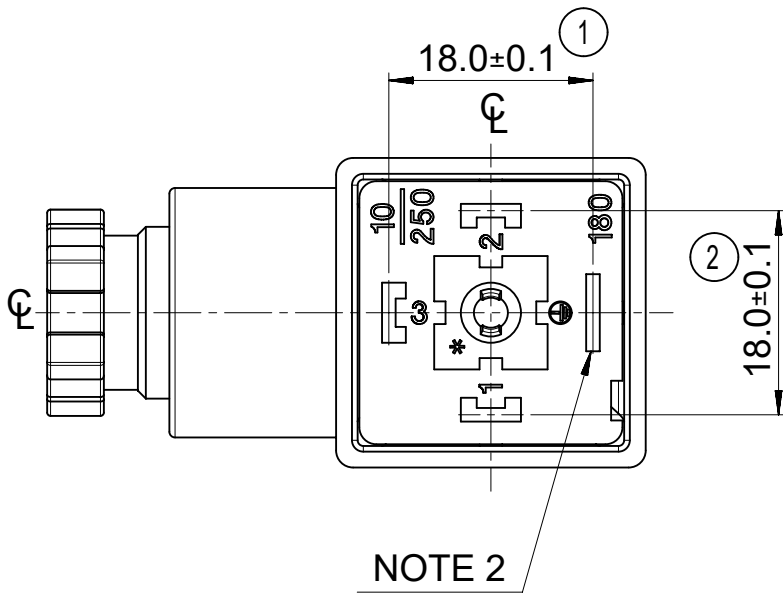
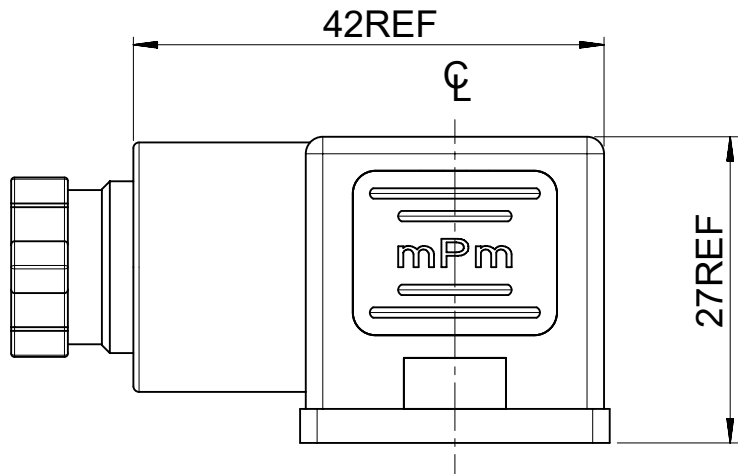
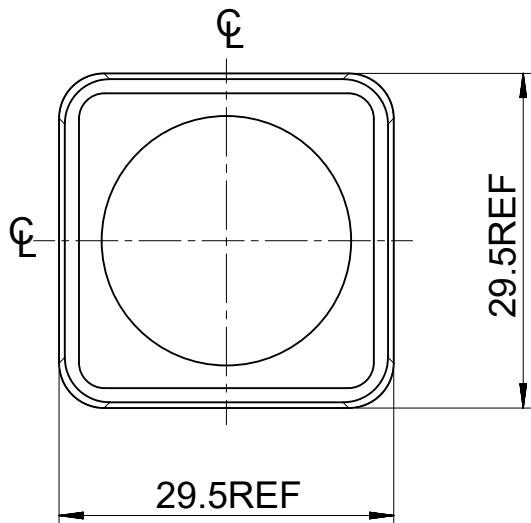
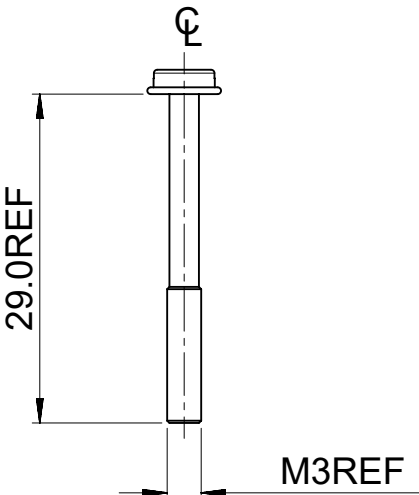
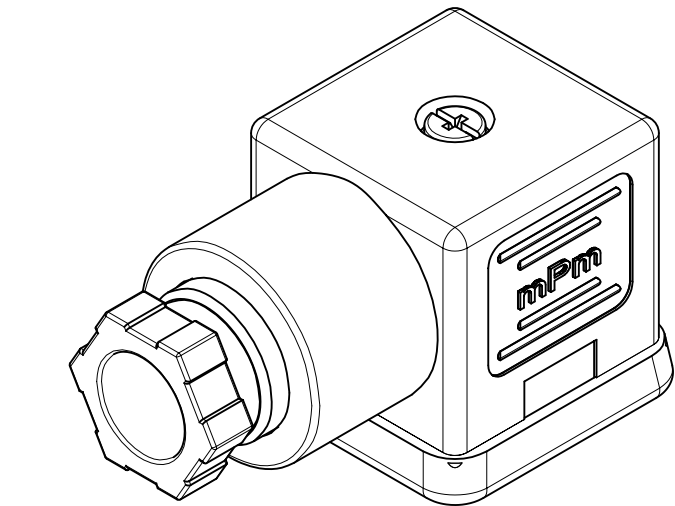
ITEM	DESCRIPTION
1	SCREW
2	COVER ASSEMBLY
3	INSERT ASSEMBLY
4	GASKET

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											
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405			molex				
	mm		1.5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784316 DRWN: VISHAH2 CHK'D: GGA APPR: GGA			C18 SERIES INTERNAL THREAD				
		MM	INCH									
	4 PLACES	±	±									
	3 PLACES	±	±									
	2 PLACES	±	0.1	±								
1 PLACE	±	0.2	±	INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±	±	SD-121023-001				PSD	001	P4			
ANGULAR TOL				±	°	2011/05/04 2011/05/24						
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	

H

G

F

E

D

C

B

A

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

PART No.	mPm PART No.	DESCRIPTION
1210230800	C18209G2B	TYPE A 2P PG9 GRAY, NBR FLAT GASKET, & SCREW +2mm
1210230803	C182M0N2A	TYPE A 2P M20x1.5 BLACK, NBR PROFILE GASKET & SCREW +2mm
1210230807	C18309N2R	TYPE A 3P PG9 BLACK, INTEGRATED NBR GASKET & IP67 SCREW NOT ASSEMBLED
1210230825	C182M6N2P	TYPE A 2P M16x1.5 BLACK, INTEGRATED NBR GASKET & IP67 SCREW ASSEMBLED
1210230833	C18211G2A	TYPE A 2P PG11 GRAY, NBR PROFILE GASKET & SCREW +2mm
1210240268	C18311N2G	TYPE A 3P PG11 BLACK, NO GASKET, & STANDARD SCREW
1210240370	C18211N2A	TYPE A 2P PG11 BLACK, NBR PROFILE GASKET & SCREW +2mm
1210240940	C18209N2O	TYPE A 2P PG9 BLACK, NO GASKET, NO SCREW
1210240133	C18209N21OH	TYPE A 2P PG9 BLACK, NBR PROFILE GASKET, STAINLESS STEEL SCREW
1210240154	C18209N22OH	TYPE A 2P PG9 BLACK, NBR FLAT GASKET, STAINLESS STEEL SCREW
1210240378	C18311N21OH	TYPE A 3P PG11 BLACK, NBR PROFILE GASKET, STAINLESS STEEL SCREW
1210240139	C18209N21H4	TYPE A 2P PG9 BLACK