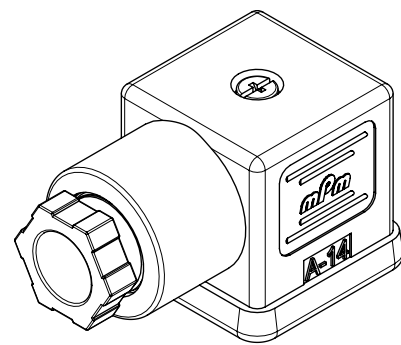




SCALE 1:1

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

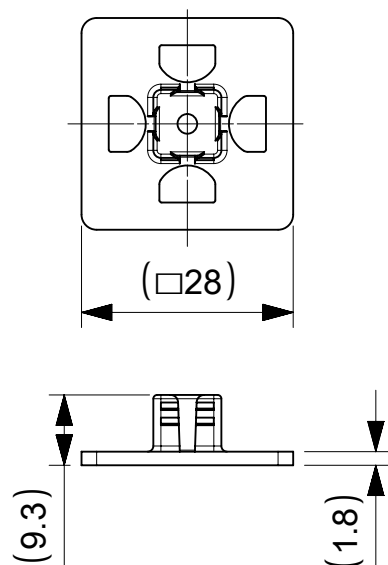
OPERATING TEMPERTURE WITH:
NITRILE RUBBER(NBR) GASKET : -40°C TO +90°C
SILICONE : -40°C TO +125°C

ENVIRONMENTAL : IP65
(IP67 AVAIABLE ON REQUEST)

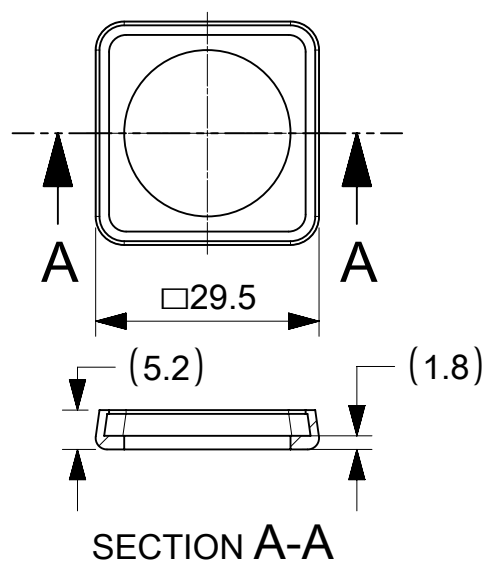
BOM

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

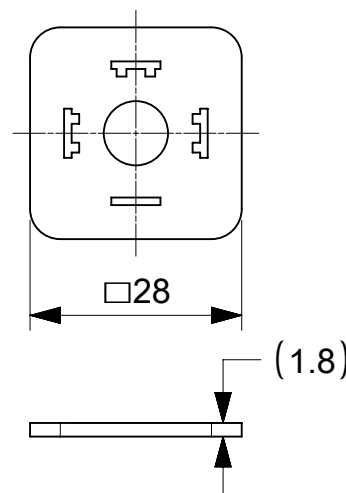
INTEGRATED GASKET



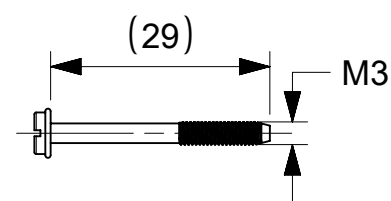
PROFIED GASKET



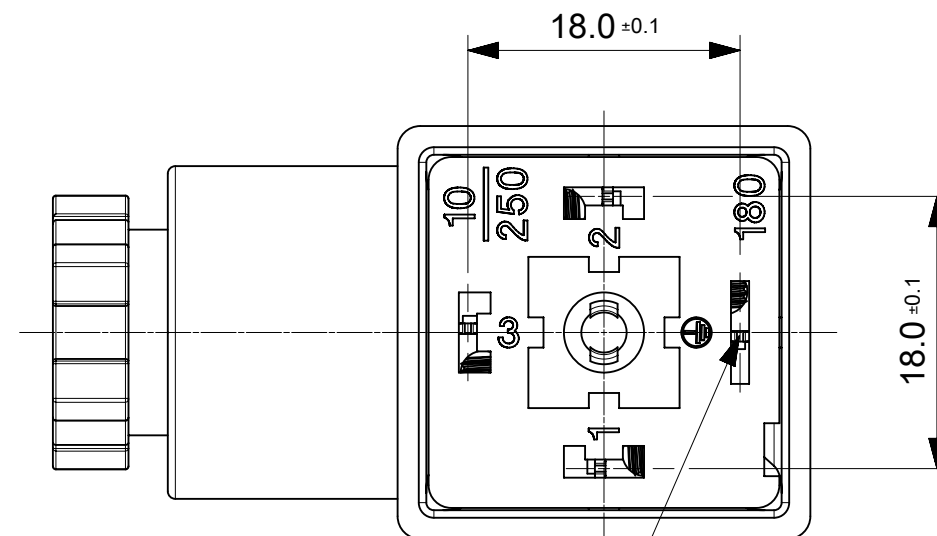
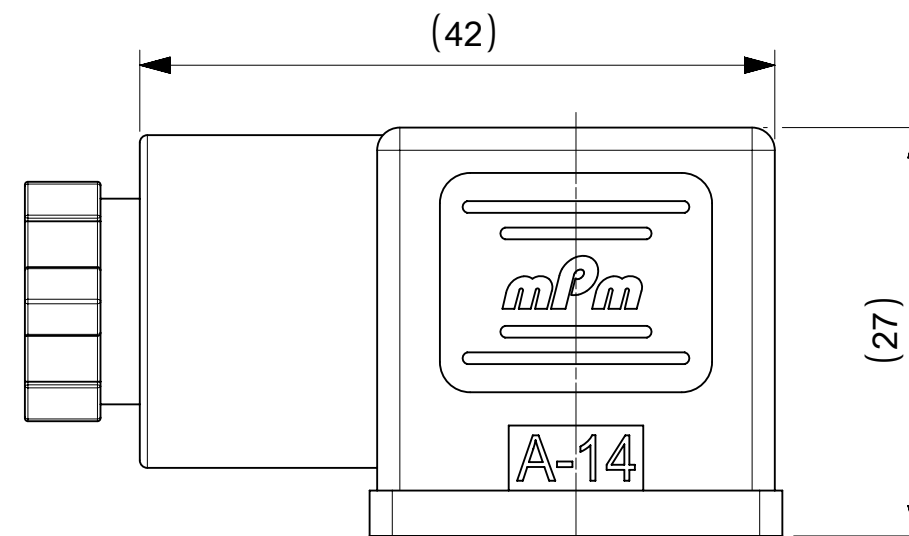
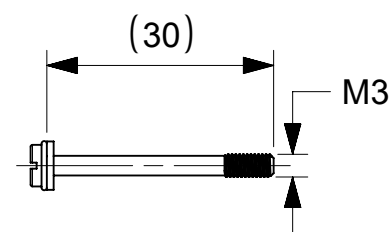
FLAT GASKET



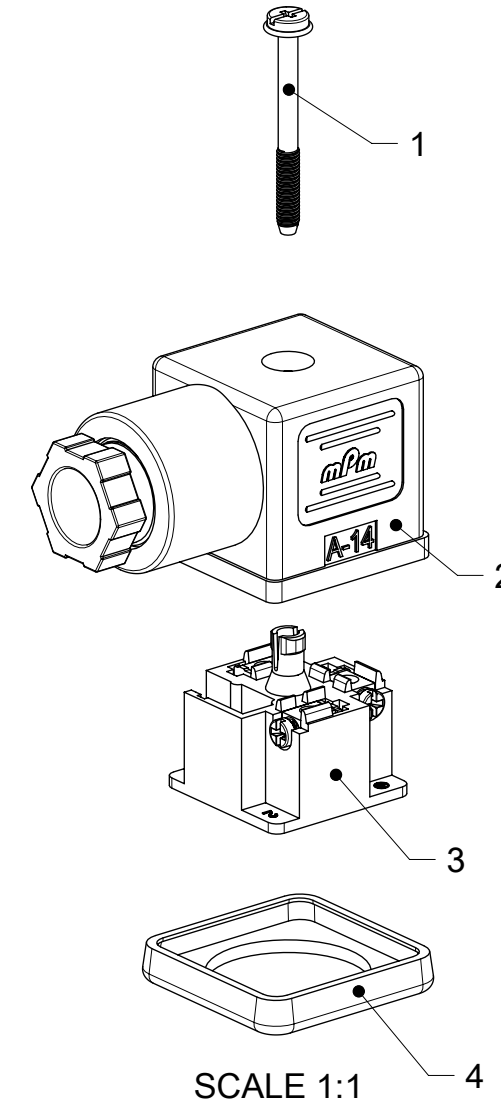
SCREW M3x29



SCREW M3x30 + WASHER

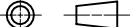


EARTH POSITION
H12 SHOWN

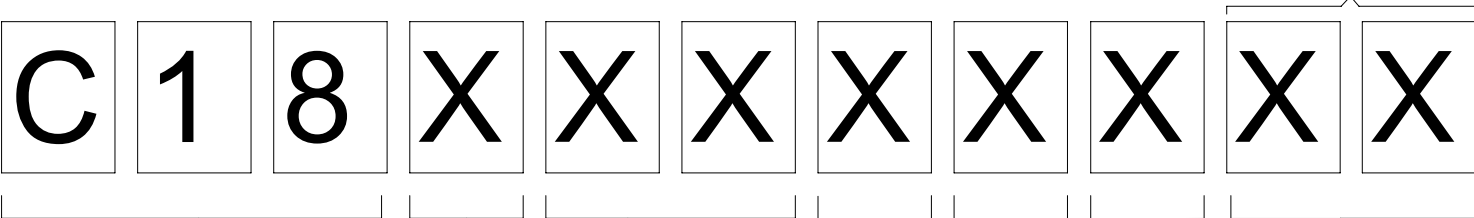


NOTES :

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:			
		mm		2:1					
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				molex C18 SERIES ASSEMBLY OPTIONS			
 = 0									
 = 0									
 = 0		ANGULAR TOL ± °							
 = 0		4 PLACES		±					
 = 0		3 PLACES		±		DRWN: APAWLAK01 2022/05/17			
 = 0		2 PLACES		± 0.1		CHK'D: RSILLER 2022/05/19			
 = 0		1 PLACE		± 0.2		APPR: RSILLER 2022/05/19			
 = 0		0 PLACES		±		INITIAL REVISION:			
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: SSM 2019/01/09			
= 0						APPR: RSILLER 2019/01/15			
		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		121023		1210230229	
								DOC TYPE	
								DOC PART	
								REVISION	
								PSD	
								000	
								A1	
								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									
 = 0	2 PLACES ± 0.1				INITIAL REVISION:			DOCUMENT NUMBER						
 = 0	1 PLACE ± 0.2				DRWN: SSM 2019/01/09									
 = 0	0 PLACES ±				APPR: RSILLER 2019/01/15			1210230229		DOC TYPE	DOC PART	REVISION		
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION									
 = 0					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 = 0					A3-SIZE		121023		SEE 1210230229 PDF		GENERAL MARKET		2 OF 2	
 = 0														
 = 0														
 = 0														

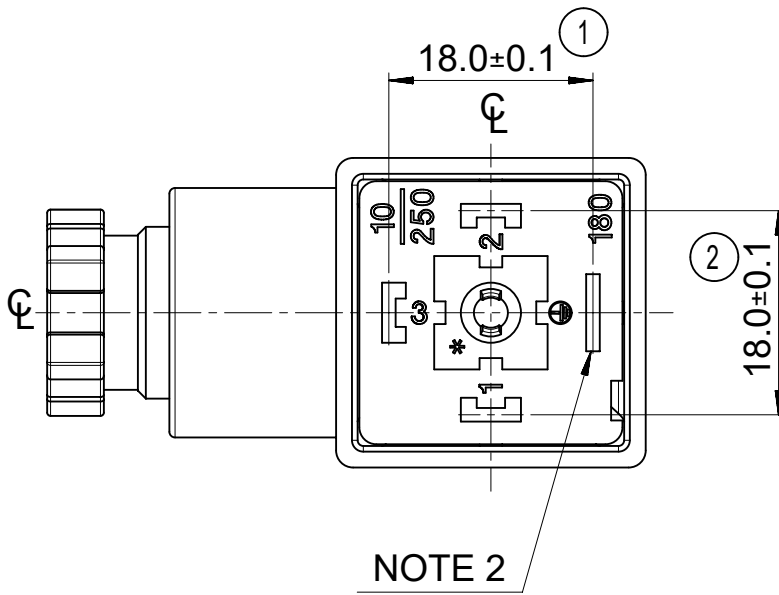
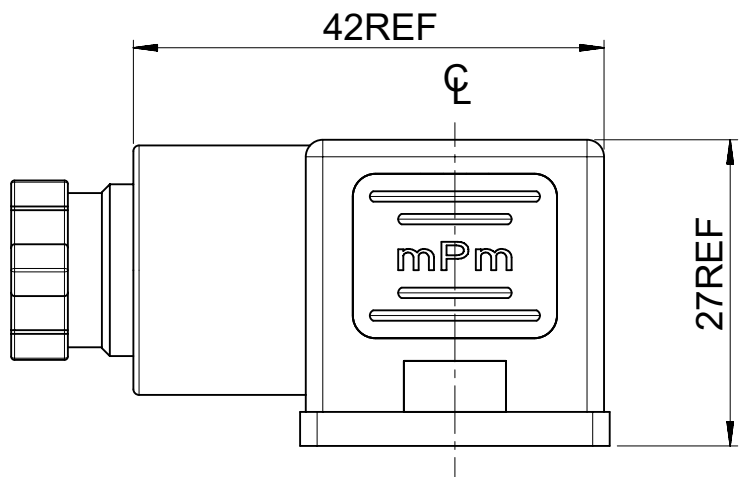
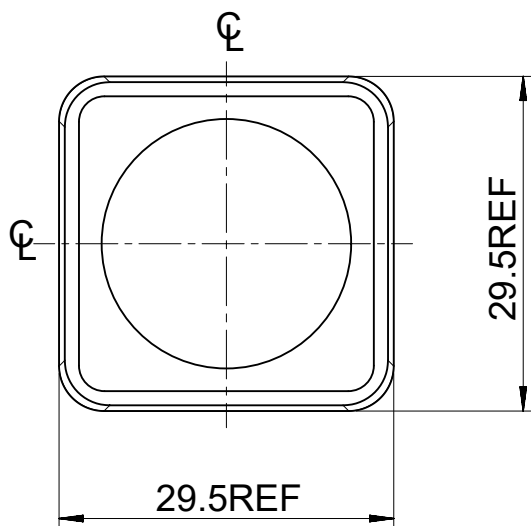
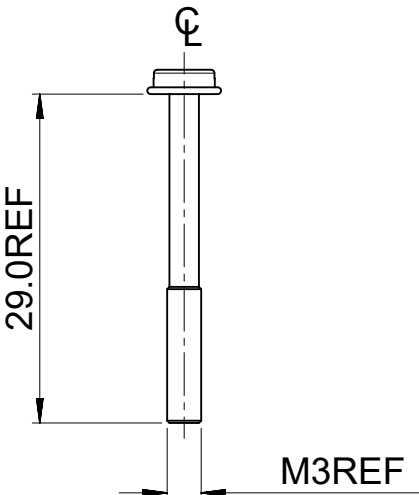
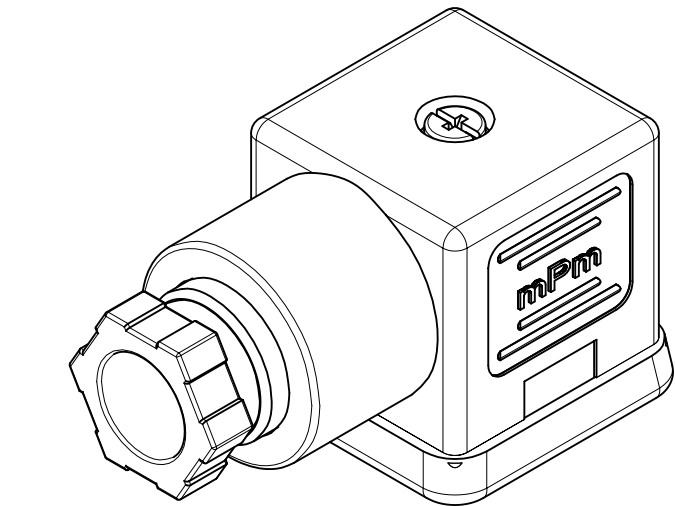
ITEM	DESCRIPTION
1	SCREW
2	COVER ASSEMBLY
3	INSERT ASSEMBLY
4	GASKET

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											
F A = 0 F C = 0 F P = 0 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 2024/04/19 2024/05/13 2024/05/13			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		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	

14		13		12		11		10		9		8		7		6		5		4		3		2		1	
H	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																						
G	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																						
F	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																						
E	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																						
D	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																						
C	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																						
		</																									