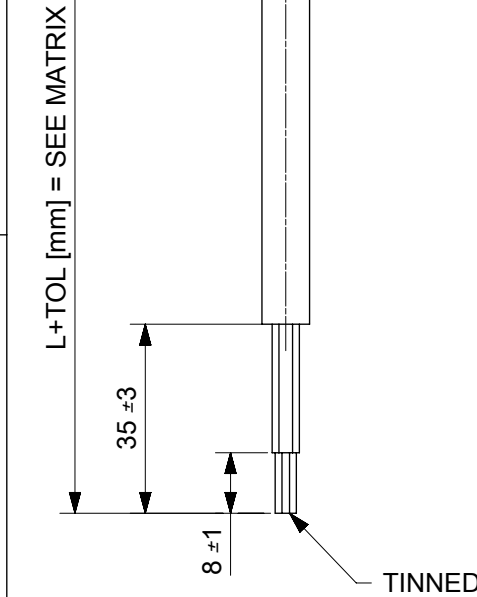
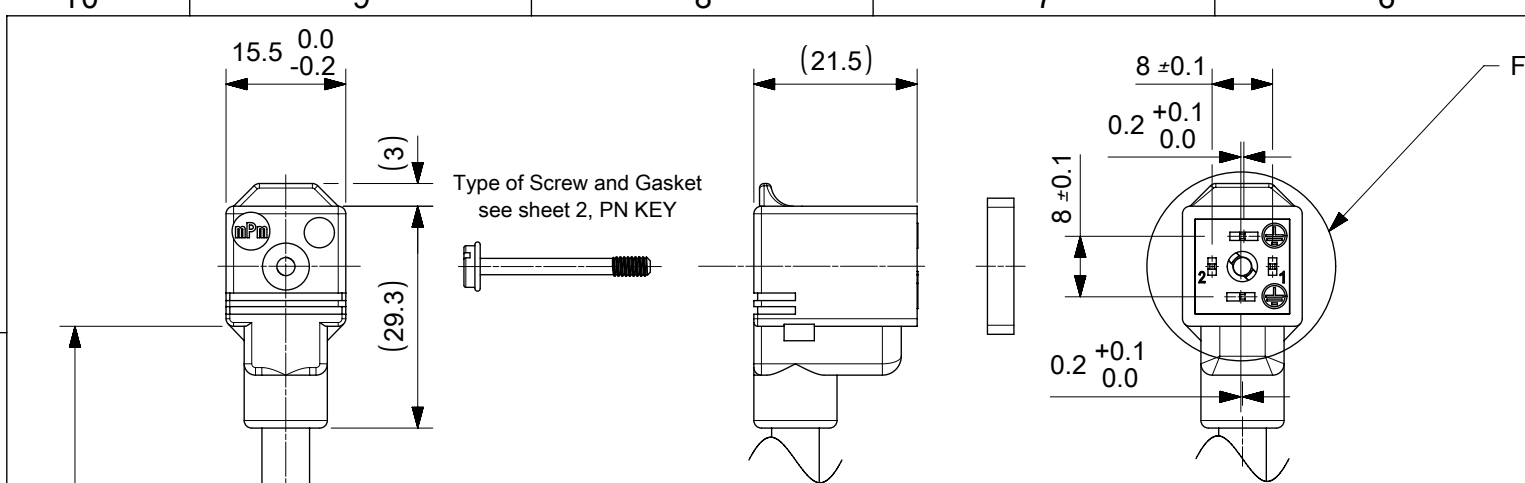
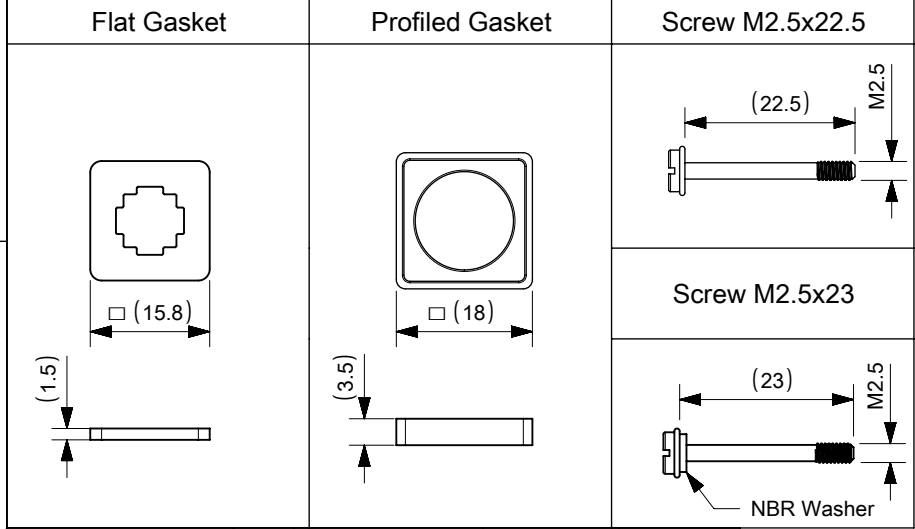




TECHNICAL DATA :

MAX. CURRENT PER CONTACT : 3A
MAX. VOLTAGE : 250V AC, 300V DC
CONTACT RESISTANCE : ≤ 15 mohm
PROTECTION GRADE : IP65 EN 60529
IP67 AVAILABLE UPON REQUEST
CERTIFICATION : UL LISTED FILE
E218126 AVAILABLE UPON REQUEST

Type of Screw and Gaskets



DOCUMENT STATUS	P1	RELEASE DATE	2019/08/27	13:34:34
-----------------	----	--------------	------------	----------

Face View - See Insert Orientation

INSERT ORIENTATION		
Housing 2 Poles + 2 (or 1) Earths	Housing 2 Poles + 2 (or 1) Earths	Housing 3 Poles + 1 Earth
EARTH POS. H6/H12 E431XXXXXX1X	EARTH POS. H6/H12 E432XXXXXX1X	EARTH POS H12 E433XXXXXX2X
EARTH POS. H3/H9 E431XXXXXX4X	EARTH POS. H3/H9 E432XXXXXX4X	EARTH POS. H6 E433XXXXXX6X
EARTH POS. H12 E431XXXXXX2X	EARTH POS. H12 E432XXXXXX2X	
EARTH POS. H6 E431XXXXXX6X	EARTH POS. H6 E432XXXXXX6X	

WIRING CONFIGURATION		
Housing 2 Poles + 2 (or 1) Earths E431XXXXXXXX - 2 WIRES	Housing 2 Poles + 2 (or 1) Earths E432XXXXXXXX - 3 WIRES	Housing 3 Poles + 1 Earth E433XXXXXXXX - 4 WIRES
Brown (or Black 1) < 1	Brown (or Black 1) < 1	Brown < 1
Blue (or Black 2) < 2	Blue (or Black 2) < 2	Blue < 2
	Green/Yellow (or Black 3) < 3	Black < 3
		Green/Yellow < 3

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
▽ = 0	DIMENSION UNITS: mm
▽ = 0	SCALE: 1:1
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽ = 0	ANGULAR TOL ± °
▽ = 0	4 PLACES ±
▽ = 0	3 PLACES ±
▽ = 0	2 PLACES ±
▽ = 0	1 PLACE ±
▽ = 0	0 PLACES ±
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
▽ = 0	THIRD ANGLE PROJECTION

CURRENT REV DESC:		
EC NO: 623098	DRWN: SSM	2019/07/24
CHK'D: RSILLER	APPR: RSILLER	2019/08/27
INITIAL REVISION:		
DRWN: JMARSZALEK	2012/12/04	
APPR: MIWASIECZKO	2013/01/16	
THIRD ANGLE PROJECTION	DRAWING	SERIES
A3-SIZE	121040	

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-121040-005		PSD	001	C1
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE SHEET 2		GENERAL MARKET		1 OF 2

ENGINEERING PART No. KEY MATRIX

E 4 3 X X X X X X X X X X

E - Packing without bag
W - Single Packing
Q - Quick Packing

Number of wires:
1- 2 Wires
2- 3 Wires
3- 4 Wires
5- SMC COMPATIBLE 2 WIRES
6- SMC COMPATIBLE 3 WIRES
7- SMC COMPATIBLE 4 WIRES

Cable type:
See Table

Head Colour:
G - Grey
N - Black
T - Transparent
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in[cm]
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Type of Gasket and Screw (see sheet 1) :
1 = NBR Profile Gasket + Fixing Screw M2.5x22.5mm
2 = NBR Flat Gasket + Fixing Screw M2.5x22.5mm
3 = Silicone Profile Gasket + Fixing Screw M2.5x22.5mm
4 = Silicone Flat Gasket + Fixing Screw M2.5x22.5mm
T = NBR Profile Gasket + Fixing Screw with Washer M2.5x23mm

PART LIST

MOLEX P/N	ENGINEERING P/N	Length(mm)
1210400481	E432A2A30012	3000
1210400486	E432I2N50012	5000
1210400490	E432N2N05012	500
1210400491	E432N2N10011	1000
1210400492	E432N2N10012	1000
1210400493	E432N2N10K11	10000
1210400496	E432N2N20011	2000
1210400497	E432N2N20012	2000
1210400498	E432N2N30011	3000
1210400499	E432N2N30012	3000
1210400500	E432N2N50011	5000
1210400501	E432N2N50012	5000
1210400502	E432P2N10011	1000
1210400503	E432P2N10012	1000
1210400505	E432P2N50012	5000
1210400508	E433N2N30021	3000
1210400509	E433N2N30022	3000
1210400510	E433N2N30061	3000
1210400511	E433N2N50021	5000
1210400512	E433N2N50022	5000
1210400609	E432I2N10K11	10000
1210400730	E433N2N10061	1000
1210400813	E432A2A04011	400
1210400834	E432A2A10012	1000
1210400913	E433N2N10K22	10000
1210400940	E431N2N15011	1500
1210400952	E432A2A20011	2000
1210400968	E432P2N12K11	12000

MOLEX P/N	ENGINEERING P/N	Length(mm)
1210401002	E432A2A3002T	3000
1210401011	E433A2A3002T	3000
1210401022	E433P2N1006T	1000
1210401023	E433P2N3006T	3000
1210401024	E433P2N5006T	5000
1210401025	E432P2N50011	5000
1210401109	E433N2N10K21	10000
1210401222	E433A2A30012	3000
1210401223	E432B2A30012	3000
1210401224	E433B2A30012	3000
1210401258	E433N2N10021	1000
1210401259	E433N2N20021	2000
1210401274	E432P2N04011	400
1210401296	E432I2N30011	3000
1210401297	E432I2N50011	5000
1210401322	E432I2N10011	1000
1210401323	E432A2A10011	1000
1210401324	E432A2A30011	3000
1210401325	E432A2A50011	5000
1210401326	E433N2N5006T	5000
1210401336	E432B2A50011	5000
1210401339	E433N2N20061	2000
1210401427	E433B2A3002T	3000
1210401428	E433B2A5002T	5000
1211880074	E432A2A30012000	3000
2210400003	E433W2A30021	3000
2210400006	E432W2A30011	3000

CABLE TYPE TABLE

CABLE TYPE	MOLEX PN	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	KOLORY PRZEWODÓW WIRES COLOR	SHIELD
N2	1210180022	2	0.5mm ²	5.25mm±0.65	PVC BLACK	BN, BU	-
A2	1210180128	3	AWG 20	5.6mm±0.2	PVC BLACK	BN, BU, GN/YE	-
B2	1210180126	3	AWG 20	5.6mm±0.2	PUR BLACK	BN, BU, GN/YE	-
I2	1210180284	3	0.5mm ²	5.5mm+0.3	PVC GREY	BN, BU, GN/YE	-
N2	1202092753	3	0.5mm ²	5.6mm±0.7	PVC BLACK	BN, BU, GN/YE	-
N3	1210180069	3	0.75mm ²	6.8mm±0.8	PVC BLACK	BN, BU, GN/YE	-
P2	1202092439	3	0.5mm ²	5.5mm+0.3	PUR BLACK	BN, BU, GN/YE	-
A2	1210180394	4	AWG 20	6.2mm±0.25	PVC BLACK	BN, BU, BK, GN/YE	-
B2	1210180387	4	AWG 20	6.3mm±0.2	PUR BLACK	BN, BU, BK, GN/YE	-
N2	1210180153	4	0.5mm ²	6.05mm±0.2	PVC BLACK	BN, BU, BK, GN/YE	-
P2	1210180302	4	0.5mm ²	6.5mm±0.2	PUR BLACK	BN, BU, BK, GN/YE	-
W2	1552200108	3	AWG 21	5.6mm	PVC GREY	BN, BU, GN/YE	-

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			
	= 0	mm		1:1									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	= 0	ANGULAR TOL ± °		EC NO: 623098				E43XXXXXXXXXX					
	= 0	4 PLACES ±		DRWN: SSM									