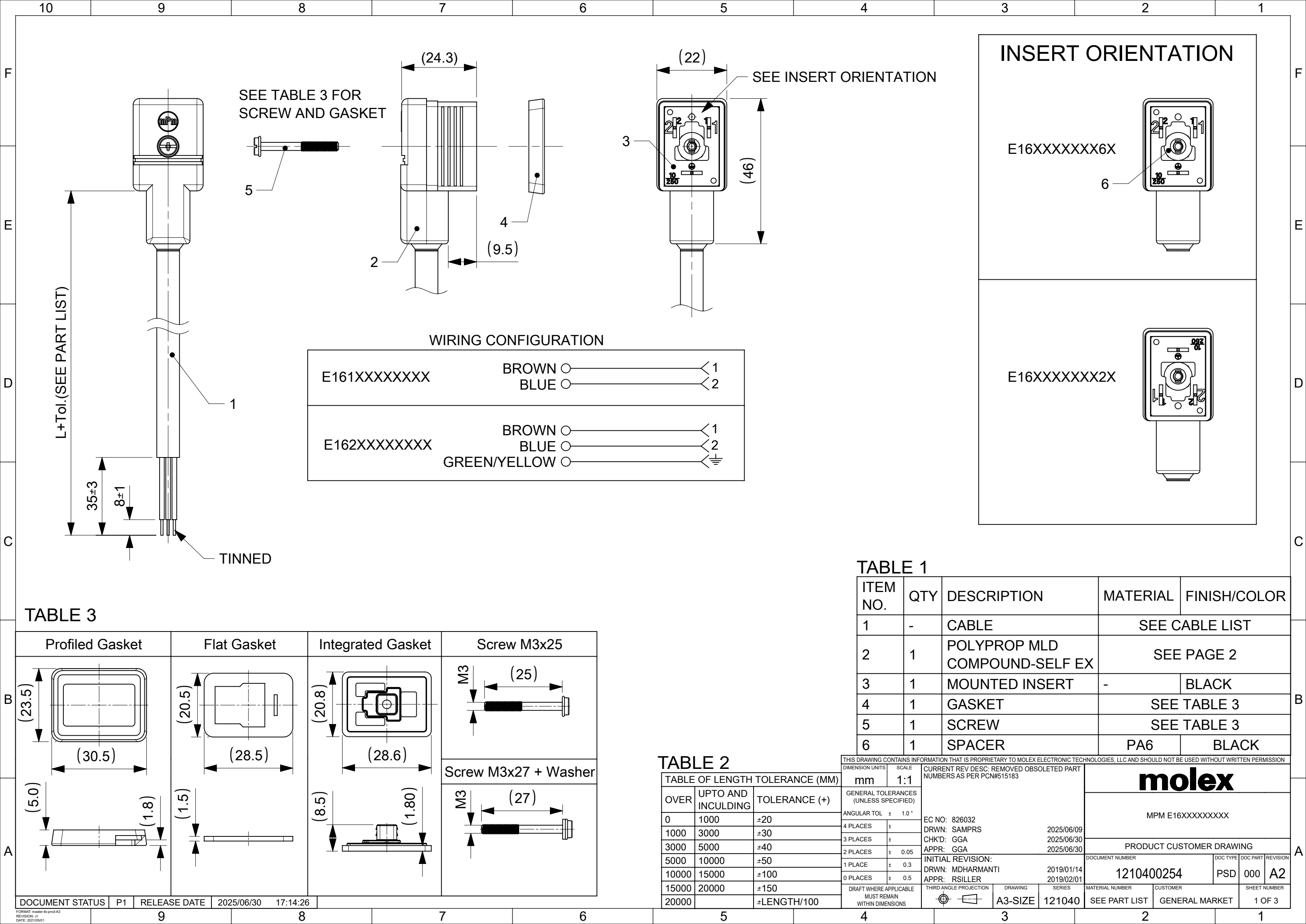




SEE TABLE 3 FOR
SCREW AND GASKET

SEE INSERT ORIENTATION

INSERT ORIENTATION

E16XXXXXXX6X

6

E16XXXXXXX2X

WIRING CONFIGURATION

E161XXXXXXX	BROWN	○	1
	BLUE	○	2
E162XXXXXXX	BROWN	○	1
	BLUE	○	2
	GREEN/YELLOW	○	⏏

TABLE 3

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
			Screw M3x27 + Washer

TABLE 1

ITEM NO.	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	CABLE	SEE CABLE LIST	
2	1	POLYPROP MLD COMPOUND-SELF EX	SEE PAGE 2	
3	1	MOUNTED INSERT	-	BLACK
4	1	GASKET	SEE TABLE 3	
5	1	SCREW	SEE TABLE 3	
6	1	SPACER	PA6	BLACK

TABLE 2

TABLE OF LENGTH TOLERANCE (MM)		
OVER	UPTO AND INCLDING	TOLERANCE (+)
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±LENGTH/100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm

SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183

EC NO: 826032

DRWN: SAMPRS

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: MDHARMANTI

APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 121040

MATERIAL NUMBER: SEE PART LIST

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 3

2025/06/09

2025/06/30

2025/06/30

2019/01/14

2019/02/01

DOCUMENT NUMBER: 1210400254

DOC TYPE: PSD

DOC PART: 000

REVISION: A2

PART No. MATRIX

E16XXXXXX

PACKING
WITHOUT
BAG

NUMBER OF WIRES:
1-2 WIRES
2-2 WIRES+GROUND

CABLE TYPE:
SEE CABLE
INFORMATION

CABLE CROSS
SECTION AREA:
SEE CABLE
INFORMATION

HEAD COLOUR:
* G-GREY
* N-BLACK
* A-UL BLACK (ONLY
WITH UL LISTED CABLE)

CABLE LENGTH
IN CM:
* 050-50 CM
* 300-300 CM
* 10K-1000 CM

EARTH PIN LOCATION
(SEE INSERT ORIENTATION TABLE):
2- EARTH ON H12
6- EARTH ON H6

GASKET SCREWS:
1-NBR PROFILE GASKET+FIXING SCREWS (M3x25 mm)
2-NBR FLAT GASKET+SCREW (M3x25 mm)
3-SILICONE PROFILE GASKET+SCREWS (M3x25 mm)
4-SILICONE FLAT GASKET+SCREW (M3x25 mm)
P-INTIGRATED GASKET+FIXING SCREW+GROMMET (M3x27 mm)
R-INTIGRATED GASKET+SCREW+GROMMET (M3x27 mm)
T-PROFILE GASKET+SCREW+GROMMET (M3x27 mm)

PART LIST

MOLEX P/N	ENGINEERING No.	LENGTH (MM)
1210400254	E162I2N20061	2000
*1210400255	E162I2N50021	5000
1210400269	E162I4N50061	5000
*1210400273	E162N2N20021	2000
*1210400286	E162N3N05021	500
1210400288	E162N3N05061	500
*1210400295	E162N3N10021	1000
*1210400296	E162N3N10022	1000
1210400297	E162N3N10061	1000
*1210400299	E162N3N10K21	10000
*1210400301	E162N3N15021	1500

MOLEX P/N	ENGINEERING No.	LENGTH (MM)
*1210400305	E162N3N20021	2000
1210400307	E162N3N20061	2000
1210400310	E162N3N25061	2500
*1210400311	E162N3N30021	3000
1210400313	E162N3N30061	3000
*1210400320	E162N3N50021	5000
1210400625	E161N2N10021	1000
*1210400657	E162P3N20021	2000
1210400820	E162N3N1006P	1000
1210400821	E162N3N3006P	3000
1210400822	E162N3N5006P	5000

CABLE INFORMATION

CABLE TYPE	CABLE C/S	CABLE JACKET	TEMPERATURE RANGE (STATIC)	BENDING RADIUS	
				STATIC	DYNAMIC
A2	20AWG	PVC UL 2661	-15° TO +105°	>10X OD	>15X OD
A3	18 AWG	PVC UL 2661	-15° TO +105°	>10X OD	>15X OD
B2	20AWG	PUR UL 20668	-40° TO +90°	>5X OD	>10X OD
B3	18 AWG	PUR UL 20668	-40° TO 90°	>5X OD	>10X OD
I2	0.5 mm²	PVC CEI 2022 II	-25° TO +70°	>10X OD	>15X OD
I4	1 mm²	PVC CEI 2022 II	-25° TO +70°	>10X OD	>15X OD
N2	0.5 mm²	PVC H03	-20° TO +70°	>3X OD	NA
N3	0.75 mm²	PVC H05	-20° TO +70°	>9X OD	NA
N4	1 mm²	PVC H05	-20° TO +70°	>9X OD	NA
P2	0.5 mm²	PUR-BLEND	-40° TO +90°	>7.5X OD	>12.5X OD
P3	0.75 mm²	PUR-BLEND	-40° TO +90°	>7.5X OD	>12.5X OD
R3	0.75 mm²	TPR	-40° TO +130°	-	
R4	1 mm²	TPR	-40° TO +130°	-	
W3	0.75 mm²	PE	-40°C TO 90°C	>5X OD	

