

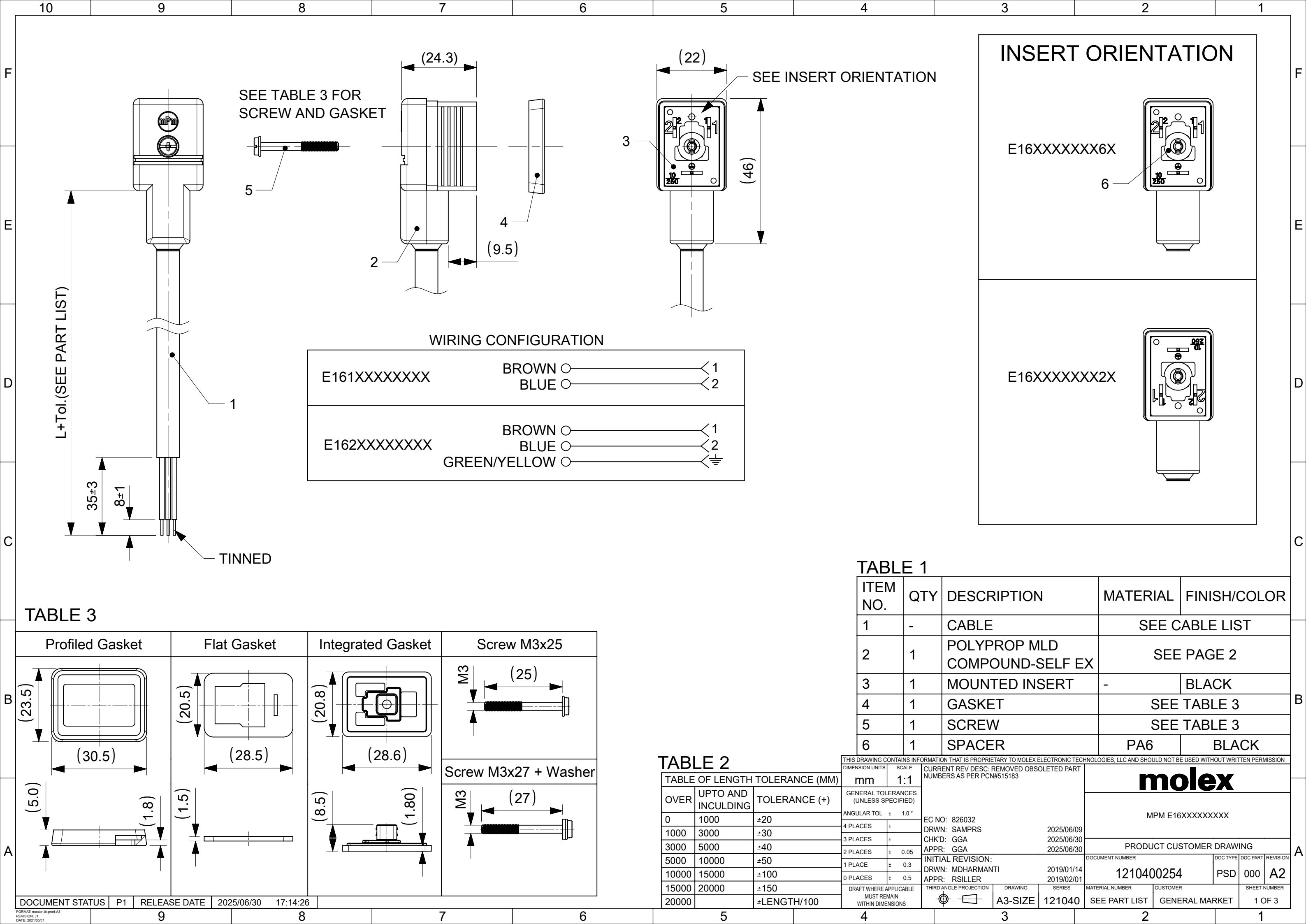


TABLE 3

| Profiled Gasket | Flat Gasket | Integrated Gasket | Screw M3x25 |
|-----------------|-------------|-------------------|-------------|
|                 |             |                   |             |
|                 |             |                   |             |

TABLE 2

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

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        |

|                                                                                                                                               |  |        |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|----------------------------------------------------------------------------------------|--|--------|--|-----------------|--|-------------------|----------|--------------|--|--|--|
| 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#515183                      |  |        |  |                 |  | <div>molex</div>  |          |              |  |  |  |
| mm                                                                                                                                            |  | 1:1    |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |  |                                                                                        |  |        |  |                 |  | MPM E16XXXXXXXXXX |          |              |  |  |  |
| ANGULAR TOL ± 1.0°                                                                                                                            |  |        |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| 4 PLACES                                                                                                                                      |  | ±      |  | EC NO: 826032<br>DRWN: SAMPRS2025/06/09<br>CHK'D: GGA2025/06/30<br>APPR: GGA2025/06/30 |  |        |  |                 |  |                   |          |              |  |  |  |
| 3 PLACES                                                                                                                                      |  | ±      |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| 2 PLACES                                                                                                                                      |  | ± 0.05 |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| 1 PLACE                                                                                                                                       |  | ± 0.3  |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| 0 PLACES                                                                                                                                      |  | ± 0.5  |  | PRODUCT CUSTOMER DRAWING                                                               |  |        |  |                 |  |                   |          |              |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |        |  |                                                                                        |  |        |  |                 |  |                   |          |              |  |  |  |
| THIRD ANGLE PROJECTION                                                                                                                        |  |        |  | DRAWING                                                                                |  | SERIES |  | DOCUMENT NUMBER |  | DOC TYPE          | DOC PART | REVISION     |  |  |  |
|                                                          |  |        |  | A3-SIZE                                                                                |  | 121040 |  | 1210400254      |  | PSD               | 000      | A2           |  |  |  |
|                                                                                                                                               |  |        |  |                                                                                        |  |        |  | MATERIAL NUMBER |  | CUSTOMER          |          | SHEET NUMBER |  |  |  |
|                                                                                                                                               |  |        |  |                                                                                        |  |        |  | SEE PART LIST   |  | GENERAL MARKET    |          | 1 OF 3       |  |  |  |

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<br>TYPE | CABLE C/S | CABLE JACKET    | TEMPERATURE<br>RANGE<br>(STATIC) | BENDING<br>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            |           |

