

| WIRING CONFIGURATION | | |
|----------------------|--|------------------|
| E331XXXXXXXX | BROWN BLUE | 1 2 |
| E332XXXXXXXX | BROWN BLUE GREEN/YELLOW | 1 2 ⊕ |
| E333XXXXXXXX | BROWN BLUE BLACK GREEN/YELLOW | 1 2 3 ⊕ |

| INSERT ORIENTATION | |
|----------------------------|--|
| 2 POLES + 2 EART ON H6/H12 | |
| E33XXXXXXXX1X 1 OR 2 | |
| 2 POLES + 1 EART ON H12 | |
| E33XXXXXXXX2X 1 OR 2 | |
| 2 POLES + 1 EART ON H6 | |
| E33XXXXXXXX6X 1 OR 2 | |
| 3 POLES + 1 EART ON H12 | |
| E333XXXXXXXX2X | |
| 3 POLES + 1 EART ON H6 | |
| E333XXXXXXXX6X | |

| TYPES OF SCREWS AND GASKETS | | |
|-----------------------------|-----------------|-------------|
| Flat Gasket | Profiled Gasket | Screw M3x20 |
| | | |
| (2) | (4) | Screw M3x20 |
| (15.8) | (18) | |
| | | NBR Washer |

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

| | | | | | |
|--|---------------------|--|------------|----------------------------|--|
| DIMENSION UNITS mm | SCALE 2:1 | CURRENT REV DESC: OBSOLETE PART NUMBER | | molex | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 650268 | | | |
| ANGULAR TOL ± ° | 4 PLACES ± | DRWN: SUGEEB | 2020/10/29 | PRODUCT CUSTOMER DRAWING | |
| 3 PLACES ± | 2 PLACES ± | CHK'D: GGA | 2020/12/18 | DOCUMENT NUMBER | |
| 1 PLACE ± | 0 PLACES ± | APPR: GGA | 2020/12/18 | DOC TYPE DOC PART REVISION | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | INITIAL REVISION: | | SD-121040-001 | |
| THIRD ANGLE PROJECTION | | DRWN: MLEVYTSKY | | PSD 001 C1 | |
| DRAWING | | APPR: MDYSZEWSKA | | SHEET NUMBER | |
| A3-SIZE | | 2010/02/09 | | 1 OF 3 | |
| SERIES | | 2012/01/11 | | GENERAL MARKET | |
| MATERIAL NUMBER | | 121040 | | SEE TABLE | |
| CUSTOMER | | GENERAL MARKET | | | |

PART NO MATRIX :

E 3 3 X X X X X X X X X

E - Packing without bag

Number of wires:
1- 2 Wires
2- 2 Wires + Earth
3- 3 Wires + Earth

Cable type:
See Cable List

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


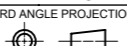
Cable Length [cm]:
050 = 50cm
300 = 300cm
10K = 1000cm

Type of Gasket and Screw (see sheet 1) :
1 = NBR Profile Gasket + Fixing Screw (M3x20mm)
2 = NBR Flat Gasket + Fixing Screw (M3x20mm)
3 = Silicone Profile Gasket + Fixing Screw (M3x20mm)
4 = Silicone Flat Gasket + Fixing Screw (M3x20mm)
T = NBR Profile Gasket + Fixing Screw with Washer (M3x20mm)

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
6 = Earth on H6

CABLE LIST

| MOLEX PN | NO. OF WIRES CODE (SEE PN MATRIX) | CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE O.D. | CABLE JACKET | WIRES COLOR |
|------------|-----------------------------------|------------|--------------|---------------------|--------------|--------------|-------------------|
| 1210180467 | 1 | A2 | 2 | AWG 20 | Ø5.4±0.2 mm | PVC BLACK | BN, BU |
| 1210180128 | 2 | A2 | 3 | AWG 20 | Ø5.6±0.2 mm | PVC BLACK | BN, BU, GN/YE |
| 1210180394 | 3 | A2 | 4 | AWG 20 | Ø6.2±0.25 mm | PVC BLACK | BN, BU, BK, GN/YE |
| 1210180047 | 1 | I2 | 2 | 0.5mm ² | Ø5.5+0.3 mm | PVC GREY | BN, BU |
| 1210180284 | 2 | I2 | 3 | 0.5mm ² | Ø5.5+0.3 mm | PVC GREY | BN, BU, GN/YE |
| 1210180146 | 3 | I2 | 4 | 0.5mm ² | Ø6.5+0.2 mm | PVC GREY | BN, BU, BK, GN/YE |
| 1210180022 | 1 | N2 | 2 | 0.5mm ² | Ø5.2±0.2 mm | PVC BLACK | BN, BU |
| 1202092753 | 2 | N2 | 3 | 0.5mm ² | Ø5.5±0.2 mm | PVC BLACK | BN, BU, GN/YE |
| 1210180153 | 3 | N2 | 4 | 0.5mm ² | Ø5.9±0.3 mm | PVC BLACK | BN, BU, BK, GN/YE |
| 1202092439 | 2 | P2 | 3 | 0.5mm ² | Ø5.5+0.3 mm | PUR BLACK | BN, BU, GN/YE |
| 1210180302 | 3 | P2 | 4 | 0.5mm ² | Ø6.5±0.2 mm | PUR BLACK | BN, BU, BK, GN/YE |
| 1202094190 | 1 | P3 | 2 | 0.75mm ² | Ø6.5±0.2 mm | PUR BLACK | BN, BU |
| 1210180126 | 2 | B2 | 3 | AWG 20 | Ø5.6±0.2 mm | PUR BLACK | BN, BU, GN/YE |
| 1210180016 | 1 | IA | 2 | 0.25mm ² | Ø3.5±0.15mm | PVC GREY | BN, BU |
| 1202090957 | 2 | I8 | 3 | 0.5mm ² | Ø5.5±0.2 mm | PVC GREY | BN, BU, GN/YE |


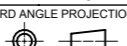
| | | | | | | | | | |
|---|-------|---|--|------------|--|--------------|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: OBSOLETE PART NUMBER | | | | | | | |
| mm | 2:1 |  E33XXXXXXXXX DIN FORM MICRO | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL | ± ° | EC NO: 650268 | | 2020/10/29 | | 2020/12/18 | | 2020/12/18 | |
| 4 PLACES | ± | DRWN: SUGEEB | | 2020/12/18 | | 2020/12/18 | | 2020/12/18 | |
| 3 PLACES | ± | CHK'D: GGA | | 2020/12/18 | | 2020/12/18 | | 2020/12/18 | |
| 2 PLACES | ± | APPR: GGA | | 2020/12/18 | | 2020/12/18 | | 2020/12/18 | |
| 1 PLACE | ± | INITIAL REVISION: | | 2010/02/09 | | 2012/01/11 | | 2012/01/11 | |
| 0 PLACES | ± | DRWN: MLEVYTSKYY | | 2010/02/09 | | 2012/01/11 | | 2012/01/11 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | |  | | A3-SIZE | | 121040 | | SEE TABLE | |
| | | GENERAL MARKET | | CUSTOMER | | SHEET NUMBER | | 2 OF 3 | |

PART LIST :

| MOLEX PN | ENGINEERING NO. | LENGTH in MM |
|------------|-----------------|--------------|
| 1210400400 | E331N2N15011 | 1500 |
| 1210400412 | E332N2N02012 | 200 |
| 1210400414 | E332N2N03011 | 300 |
| 1210400415 | E332N2N05011 | 500 |
| 1210400422 | E332N2N10011 | 1000 |
| 1210400423 | E332N2N10012 | 1000 |
| 1210400428 | E332N2N10K11 | 10000 |
| 1210400432 | E332N2N15011 | 1500 |
| 1210400436 | E332N2N20011 | 2000 |
| 1210400437 | E332N2N20012 | 2000 |
| 1210400438 | E332N2N20021 | 2000 |
| 1210400439 | E332N2N20061 | 2000 |
| 1210400445 | E332N2N30011 | 3000 |
| 1210400446 | E332N2N30012 | 3000 |
| 1210400451 | E332N2N50011 | 5000 |
| 1210400452 | E332N2N50012 | 5000 |
| 1210400453 | E332N2N50021 | 5000 |
| 1210400457 | E332P2N10012 | 1000 |
| 1210400459 | E332P2N30012 | 3000 |
| 1210400460 | E332P2N50012 | 5000 |
| 1210400464 | E333N2N06021 | 600 |
| 1210400470 | E333N2N20021 | 2000 |
| 1210400672 | E333I2N60061 | 6000 |
| 1210400703 | E333N2N10K21 | 10000 |
| 1210400717 | E333P2N10K22 | 10000 |
| 1210400784 | E332P2N20011 | 2000 |
| 1210400870 | E332A2A06011 | 600 |
| 1210400912 | E332N2N02511 | 250 |
| 1210400916 | E333P2N05021 | 500 |
| 1210400917 | E332P2N05021 | 500 |
| 1210400939 | E331A2A10011 | 1000 |

| MOLEX PN | ENGINEERING NO. | LENGTH in MM |
|------------|-----------------|--------------|
| 1210400981 | E332P2N06011 | 600 |
| 1210401012 | E333A2A3002T | 3000 |
| 1210401129 | E331N2N03012 | 300 |
| 1210401144 | E332P2N50011 | 5000 |
| 1210401209 | E333I2N50061 | 5000 |
| 1210401213 | E333N2N15K21 | 15000 |
| 1210401228 | E333N2N50061 | 5000 |
| 1210401229 | E333I2N50021 | 5000 |
| 1210401241 | E332A2A10011 | 1000 |
| 1210401244 | E332N2N1401T | 1400 |
| 1210401260 | E333N2N10021 | 1000 |
| 1210401298 | E332I2N30011 | 3000 |
| 1210401299 | E332I2N50011 | 5000 |
| 1210401319 | E332I2N10011 | 1000 |
| 1210401320 | E332A2A30011 | 3000 |
| 1210401321 | E332A2A50011 | 5000 |
| 1210401352 | E332N2N1001T | 1000 |
| 1210401353 | E332N2N3001T | 3000 |
| 1210401354 | E332N2N5001T | 5000 |
| 1210401402 | E333N2N10061 | 1000 |
| 1210401414 | E332I2N20011 | 2000 |
| 1210401415 | E332I2N60011 | 6000 |
| 1210401460 | E331P3N5001T | 5000 |
| 1210503460 | E332I2N20012 | 2000 |
| 1210503461 | E332I2N50012 | 5000 |

| OVER | UP TO AND INCLUDING | TOLERANCE |
|-------|---------------------|-----------|
| 0 | 1000 | ±20 |
| 1000 | 3000 | ±30 |
| 3000 | 5000 | ±40 |
| 5000 | 10000 | ±50 |
| 10000 | 15000 | ±100 |
| 15000 | 20000 | ±150 |
| 20000 | | ±L/100 |

| | | | | | | | | | |
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: OBSOLETE PART NUMBER | | | | | |
| mm | | 2:1 | |  E33XXXXXXXXX DIN FORM MICRO | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL | | ± ° | | EC NO: 650268 | | 2020/10/29 | | DOCUMENT NUMBER | |
| 4 PLACES | | ± | | DRWN: SUGEEB | | 2020/12/18 | | PSD | |
| 3 PLACES | | ± | | CHK'D: GGA | | 2020/12/18 | | DOC PART | |
| 2 PLACES | | ± | | APPR: GGA | | 2020/12/18 | | REVISION | |
| 1 PLACE | | ± | | INITIAL REVISION: | | | | SD-121040-001 | |
| 0 PLACES | | ± | | DRWN: MLEVYTSKY | | 2010/02/09 | | 001 | |
| | | | | APPR: MDYSZEWSKA | | 2012/01/11 | | C1 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SHEET NUMBER | |
| | | | |  | | A3-SIZE | | 3 OF 3 | |
| SERIES | | MATERIAL NUMBER | | CUSTOMER | | | | | |
| 121040 | | SEE TABLE | | GENERAL MARKET | | | | | |