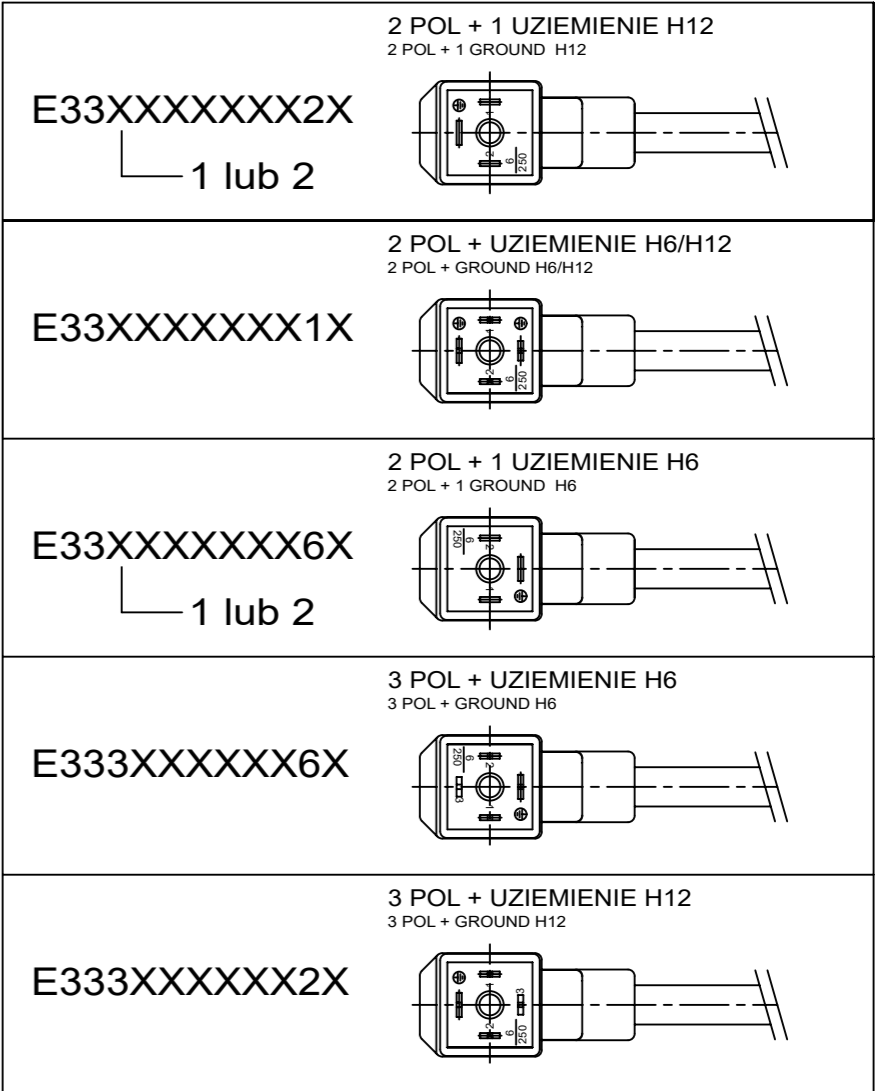
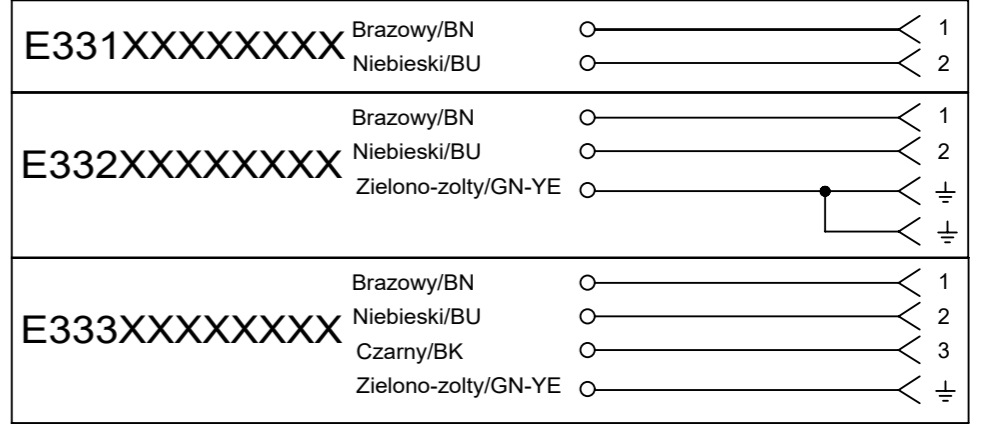


Table of lenght tolerances/ Tablica tolerancji dlugosci mm

| Over/Od | Up to and including/ Do-wlacznie | Tolerance/Tolerancja +/- |
|---------|----------------------------------|--------------------------|
| 100 | 1000 | ±20 |
| 1000 | 3000 | ±30 |
| 3000 | 5000 | ±40 |
| 5000 | 10000 | ±50 |
| 10000 | 15000 | ±100 |
| 15000 | 20000 | ±150 |
| | >20000 | L/100 |



PATRZ UWAGA 1
SE NOTE 1

UWAGI:
1. DLUGOSC PATRZ ARKUSZ 2.

NOTES:
1. LENGHT SEE SHEET 2.

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| | | | | | | | |
|--|---------------------|---|--|--------------------------|--|--------------|--|
| DIMENSION UNITS mm | SCALE NTS | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP | | molex | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 714567 | | | | | |
| | | DRWN: SUGEEB 2022/07/18 | | PRODUCT CUSTOMER DRAWING | | | |
| | | CHK'D: GGA 2022/07/19 | | DOCUMENT NUMBER | | | |
| | | APPR: GGA 2022/07/19 | | E33XXXXXXXXXX | | | |
| | | INITIAL REVISION: | | DOC TYPE | | DOC PART | |
| | | DRWN: MLEVYTSKY 2009/01/21 | | PSD | | 001 | |
| | | APPR: MWOLSZCZAK 2009/01/21 | | REVISION | | B1 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | FIRST ANGLE PROJECTION | | MATERIAL NUMBER | | CUSTOMER | |
| | | DRAWING | | SERIES | | SHEET NUMBER | |
| | | A3-SIZE | | 121040 | | 1 OF 4 | |

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

E - Pakowanie bez workow
W - Pakowanie pojedynczo
Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:
1=2 PRZEWODY,
2=2 PRZEWODY+UZIEMIENIE,
3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE
PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA
PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:
G=SZARY/GREY;
N=CZARNY/BLACK;
T=PRZETROCZYSTY/TRANSPARENT;
A=CZARNY/BLACK;
B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM
NP:050=50 CM, 300=300 CM.

POLOZENIE PINU Z UZIEMIENIEM(PATRZ TABELA ORJENTACJA OBUDOWY)/EARTH PIN LOCATION(SEE INSERT ORIENTATION TABLE):
1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
2=UZIEMIENIE NA GODZINIE 12/1EARTH ON 12H,
6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H.
4=PODWOJNE UZIEMIENIE NA GODZINIE 3 ORAZ 9/DOUBLE EARTH ON 3H AND 9H,
3=UZIEMIENIE NA GODZINIE 3/1EARTH ON 3H,
9=UZIEMIENIE NA GODZINIE 9/EARTH ON 9H.

GASKET ORAZ SRUBY/GASKET SCREWS:
1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET+FIXING SCREWS,
2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
4=SILIKOWANY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET+FIXING SCREW,
R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

| | | | | | | | | | |
|---|--|---------------------|--|---|--|----------------|--|--------------------------|--|
| 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: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP | | | | molex | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 714567 | | 2022/07/18 | | MPM E33XXXXXXXXXX | |
| | | | | DRWN: SUGEEB | | 2022/07/19 | | | |
| | | | | CHK'D: GGA | | 2022/07/19 | | | |
| | | | | APPR: GGA | | 2022/07/19 | | PRODUCT CUSTOMER DRAWING | |
| | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER | |
| | | | | DRWN: MLEVYTSKYY | | 2009/01/21 | | E33XXXXXXXXXX | |
| | | | | APPR: MWOLSZCZAK | | 2009/01/21 | | PSD 001 B1 | |
| ANGULAR TOL ± ° | | | | FIRST ANGLE PROJECTION | | DRAWING | | SERIES | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | FIRST ANGLE PROJECTION | | DRAWING | | SERIES | |
| DOCUMENT STATUS | | RELEASE DATE | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| P1 | | 2022/07/19 09:04:33 | | SEE TABLE | | GENERAL MARKET | | 2 OF 4 | |

TABELA 2 KABLE/TABLE 2 CABLES

| MOLEX PN | mPm | Code | PRZEW | PRZEKROJ | MATERIAL | KOLOR/COLOUR | SREDNICA Ø | DIN A-B | DIN C |
|------------|-----|------|-------|----------|----------------------|--------------------|---------------|---------|-------|
| 1210180080 | I | 0 | 3 | 1 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | - | - | - |
| 1210180467 | A | 2 | 2 | 20 AWG | PVC CSA/UL 2661 | Czarny/Black | 5,5+/-0,2 mm | OK. | OK. |
| - | A | 2 | 3 | 20 AWG | PVC CSA/UL 2661 | Czarny/Black | 5,6+/-0,2 mm | OK. | OK. |
| 1210180394 | A | 2 | 4 | 20 AWG | PVC CSA/UL 2661 | Czarny/Black | 6,2+/-0,2 mm | OK. | OK. |
| - | A | 2 | 5 | 20 AWG | PVC CSA/UL 2661 | Czarny/Black | 7+/-0,2 mm | OK. | |
| 1210180297 | B | 2 | 2 | 20 AWG | PUR CSA/UL 20668 | Czarny/Black | 5,5+/-0,2 mm | OK. | OK. |
| 1210180126 | B | 2 | 3 | 20 AWG | PUR CSA/UL 20668 | Czarny/Black | 5,6+/-0,2 mm | OK. | OK. |
| 1210180387 | B | 2 | 4 | 20 AWG | PUR CSA/UL 20668 | Czarny/Black | 6,2+/-0,2 mm | OK. | OK. |
| - | B | 2 | 5 | 20 AWG | PUR CSA/UL 20668 | Czarny/Black | 7+/-0,2 mm | OK. | |
| 1210180122 | D | 2 | 3 | 0,5 mm2 | PVC TI2 CEI 20-20 | Szary/Grey | - | - | - |
| - | F | 2 | 3 | 0,5 mm2 | CNOMO | Szary/Grey RAL7000 | 5,5+/-0,2 mm | OK. | OK. |
| 1210180047 | I | 2 | 2 | 0,5 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 5,5+/-0,2 mm | OK. | OK. |
| - | I | 2 | 3 | 0,5 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 5,5+/-0,2 mm | OK. | OK. |
| 1210180146 | I | 2 | 4 | 0,5 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 6,5+/-0,2 mm | OK. | |
| 1210180177 | I | 2 | 5 | 0,5 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 7+/-0,2 mm | OK. | |
| 1210180022 | N | 2 | 2 | 0,5 mm2 | PVCH03 | Czarny/Black | 5,1+ 0,2-0 mm | OK. | OK. |
| 1210180064 | N | 2 | 3 | 0,5 mm2 | PVCH03 | Czarny/Black | 5,4+ 0,2-0 mm | OK. | OK. |
| 1210180153 | N | 2 | 4 | 0,5 mm2 | PVCH03 | Czarny/Black | 5,75+0,2-0 mm | OK. | OK. |
| 1210180046 | P | 2 | 2 | 0,5 mm2 | PUR - BLEND | Czarny/Black | 5,5+/-0,2 mm | OK. | OK. |
| - | P | 2 | 3 | 0,5 mm2 | PUR - BLEND | Czarny/Black | 5,5+/-0,2 mm | OK. | OK. |
| 1210180302 | P | 2 | 4 | 0,5 mm2 | PUR - BLEND | Czarny/Black | - | - | - |
| - | P | 2 | 5 | 0,5 mm2 | PUR - BLEND | Czarny/Black | 7+/-0,2 mm | OK. | OK. |
| 1210180409 | A | 3 | 2 | 18 AWG | PVC CSA/UL 2661 | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180129 | A | 3 | 3 | 18 AWG | PVC CSA/UL 2661 | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180159 | A | 3 | 4 | 18 AWG | PVC CSA/UL 2661 | Czarny/Black | 7+/-0,2 mm | OK. | |
| - | A | 3 | 5 | 18 AWG | PVC CSA/UL 2661 | Czarny/Black | 7,8+/-0,2 mm | OK. | |
| 1210180351 | B | 3 | 2 | 18 AWG | PUR CSA/UL 20668 | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180127 | B | 3 | 3 | 18 AWG | PUR CSA/UL 20668 | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180127 | B | 3 | 4 | 18 AWG | PUR CSA/UL 20668 | Czarny/Black | 7+/-0,2 mm | OK. | |
| - | B | 3 | 5 | 18 AWG | PUR CSA/UL 20668 | Czarny/Black | 7,8+/-0,2 mm | OK. | |
| 1210180073 | D | 3 | 3 | 0,75 mm2 | PVC TI2 CEI 20-20 | Szary/Grey | - | - | - |
| 1210180145 | D | 3 | 4 | 0,75 mm2 | PVC TI2 CEI 20-20 | Szary/Grey | - | - | - |
| 1210180120 | I | 3 | 3 | 0,75 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | - | - | - |
| 1210180143 | I | 3 | 4 | 0,75 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | - | - | - |
| 1210180032 | N | 3 | 2 | 0,75 mm2 | PVCH05 | Czarny/Black | 6,2+ 0,2-0 mm | OK. | |
| 1210180069 | N | 3 | 3 | 0,75 mm2 | PVCH05 | Czarny/Black | 6,6+0,2-0 mm | OK. | |
| - | N | 3 | 4 | 0,75 mm2 | PVCH05 | Czarny/Black | 7,15+0,2-0 mm | OK. | |
| 1210180174 | N | 3 | 5 | 0,75 mm2 | PVCH05 | Czarny/Black | 8,0+0,2-0 mm | OK. | |
| - | P | 3 | 2 | 0,75 mm2 | PUR - BLEND | Czarny/Black | 6,5+/-0,2 mm | OK. | |

TABELA 2 KABLE/TABLE 2 CABLES

| MOLEX PN | mPm | Code | PRZEW | PRZEKROJ | MATERIAL | KOLOR/COLOUR | SREDNICA Ø | DIN A-B | DIN C |
|------------|-----|------|-------|----------|----------------------|--------------------|--------------|---------|-------|
| 1210180071 | P | 3 | 3 | 0,75 mm2 | PUR - BLEND | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180152 | P | 3 | 4 | 0,75 mm2 | PUR - BLEND | Czarny/Black | 7+/-0,2 mm | OK. | |
| 1210180384 | R | 3 | 3 | 0,75 mm2 | TPR HAL. FREE | Czarny/Black | 6,5+/-0,2 mm | OK. | |
| 1210180094 | T | 3 | 3 | 0,75 mm2 | PUR CSA/UL | Żółty/Yellow | - | - | - |
| 1210180309 | Y | 3 | 3 | 0,75 mm2 | SIL/0300 | Czerwony/Red | 6,5+/-0,2 mm | - | - |
| 1210180081 | F | 4 | 3 | 1 mm2 | CNOMO | Szary/Grey RAL7000 | - | - | - |
| - | F | 4 | 4 | 1 mm2 | CNOMO | Szary/Grey RAL7000 | 7,1+0,2-0 mm | OK. | |
| 1210180042 | I | 4 | 2 | 1 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 7,1+0,2-0 mm | OK. | |
| 1210180079 | I | 4 | 3 | 1 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | 7,1+0,2-0 mm | OK. | |
| 1210180036 | N | 4 | 2 | 1 mm2 | PVCH05 | Czarny/Black | 6,5+0,2-0 mm | OK. | |
| 1210180082 | N | 4 | 3 | 1 mm2 | PVCH05 | Czarny/Black | 6,9+0,2-0 mm | OK. | |
| 1210180117 | R | 4 | 3 | 1 mm2 | TPR HAL. FREE | Czarny/Black | - | - | - |
| 1210180085 | N | 5 | 3 | 1,5 mm2 | PVCH05 | Czarny/Black | 8,3+0,2-0 mm | OK. | |
| 1210180313 | I | 6 | 2 | 0,35 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | - | - | - |
| - | A | 7 | 3 | 20 AWG | PVC CSA/UL 2661 | Żółty/Yellow | 5,6+/-0,2 mm | OK. | OK. |
| 1210180149 | I | 9 | 4 | 0,75 mm2 | PVC CEI 2022 II O.R. | Szary/Grey RAL7035 | - | - | - |

TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

| Znakowanie /Code | Rodzaje kabla /Cable types | Właściwości/Features | Przekroje/Stranding |
|------------------|----------------------------|---|--|
| N | PVC | Kabel z dobrą rezystancją w wodzie ale słabą w oleju. /Application general purpose cable which has good resistance to water, but usually poor oil resistance. | 0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20 |
| I | PVC | Zatwierdzone przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils. | 0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20 |
| P | PVC | Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water. | 20 AWG = 32 x 0.15 18 AWG = 52 x 0.15 |
| A | PVC | Zatwierdzony porzez CSA-UL 2661.Dobra rezystancja na wode słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance. | 20 AWG = 32 x 0.15 18 AWG = 52 x 0.15 |
| B | PVC | Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystancja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals. | 20 AWG = 32 x 0.15 18 AWG = 52 x 0.15 |


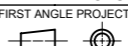

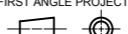
| | | | | | | | | | |
|---|--|---|--|---|--|----------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP | | | |  | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | | INCH | | | | | |
| 4 PLACES | | ± | | ± | | EC NO: 714567 | | | |
| 3 PLACES | | ± | | ± | | DRWN: SUGEEB 2022/07/18 | | | |
| 2 PLACES | | ± | | ± | | CHK'D: GGA 2022/07/19 | | | |
| 1 PLACE | | ± | | ± | | APPR: GGA 2022/07/19 | | | |
| 0 PLACES | | ± | | ± | | INITIAL REVISION: | | | |
| ANGULAR TOL | | ± ° | | ± ° | | DRWN: MLEVYTSKY 2009/01/21 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | FIRST ANGLE PROJECTION | | DRAWING | | SERIES | | DOCUMENT NUMBER | |
| | |  | | A3-SIZE | | 121040 | | E33XXXXXXXXXX | |
| | | | | | | | | DOC TYPE DOC PART REVISION | |
| | | | | | | | | PSD 001 B1 | |
| | | | | | | | | MATERIAL NUMBER CUSTOMER | |
| | | | | | | | | SEE TABLE GENERAL MARKET | |
| | | | | | | | | SHEET NUMBER | |
| | | | | | | | | 3 OF 4 | |

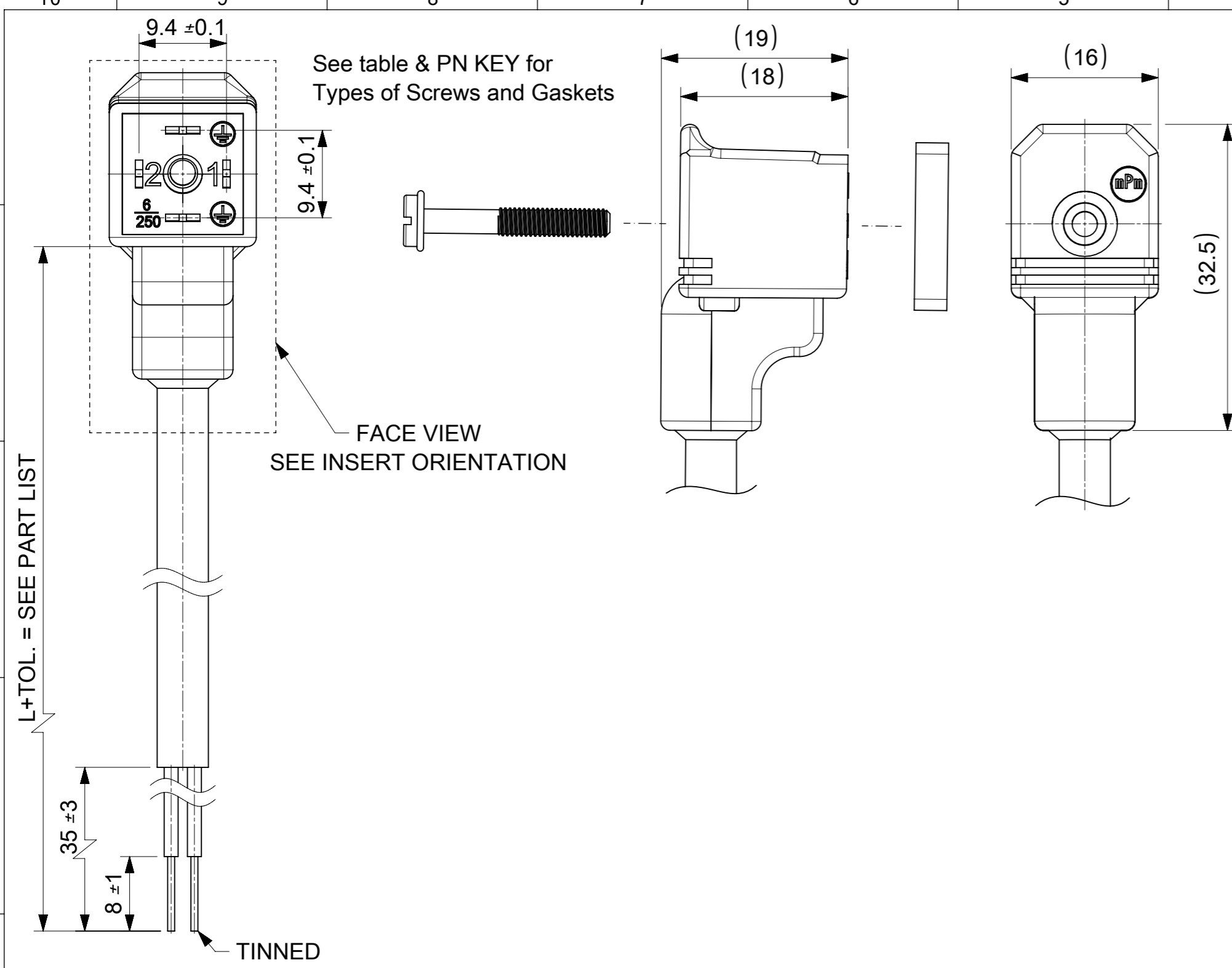
TABELA 3/CHART 3

| MX PN | WH PN |
|------------|--------------|
| 1210400400 | E331N2N15011 |
| 1210400412 | E332N2N02012 |
| 1210400912 | E332N2N02511 |
| 1210400414 | E332N2N03011 |
| 1210400415 | E332N2N05011 |
| 1210400422 | E332N2N10011 |
| 1210400423 | E332N2N10012 |
| 1210400436 | E332N2N20011 |
| 1210400437 | E332N2N20012 |
| 1210400438 | E332N2N20021 |
| 1210400439 | E332N2N20061 |
| 1210400445 | E332N2N30011 |
| 1210400446 | E332N2N30012 |
| 1210400451 | E332N2N50011 |
| 1210400452 | E332N2N50012 |
| 1210400453 | E332N2N50021 |
| 1210400917 | E332P2N05021 |
| 1210400981 | E332P2N06011 |
| 1210400784 | E332P2N20011 |
| 1210401012 | E333A2A3002T |
| 1210400672 | E333I2N60061 |
| 1210400939 | E331A2A10011 |
| 1210401129 | E331N2N03012 |
| 1210401080 | W332N2N20011 |

| MOLEX PN | WOODHEAD PN |
|------------|--------------|
| 1210400432 | E332N2N15011 |
| 1210400464 | E333N2N06021 |
| 1210400717 | E333P2N10K22 |
| 1210400428 | E332N2N10K11 |

| | | | | | | | | | |
|---|--|---|--|--|--------|-----------------|----------------|---|--------------|
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP | | | |  | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19 INITIAL REVISION: DRWN: MLEVYTSKYY 2009/01/21 APPR: MWOLSZCZAK 2009/01/21 | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION | |
| | | | | E33XXXXXXXXXX | | PSD | 001 | B1 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | FIRST ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | | SHEET NUMBER |
| | |  | | A3-SIZE | 121040 | SEE TABLE | GENERAL MARKET | | 4 OF 4 |

| | | | | |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/07/19 | 09:04:33 |
|-----------------|----|--------------|------------|----------|



| 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 |
| | | |

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

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 |


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