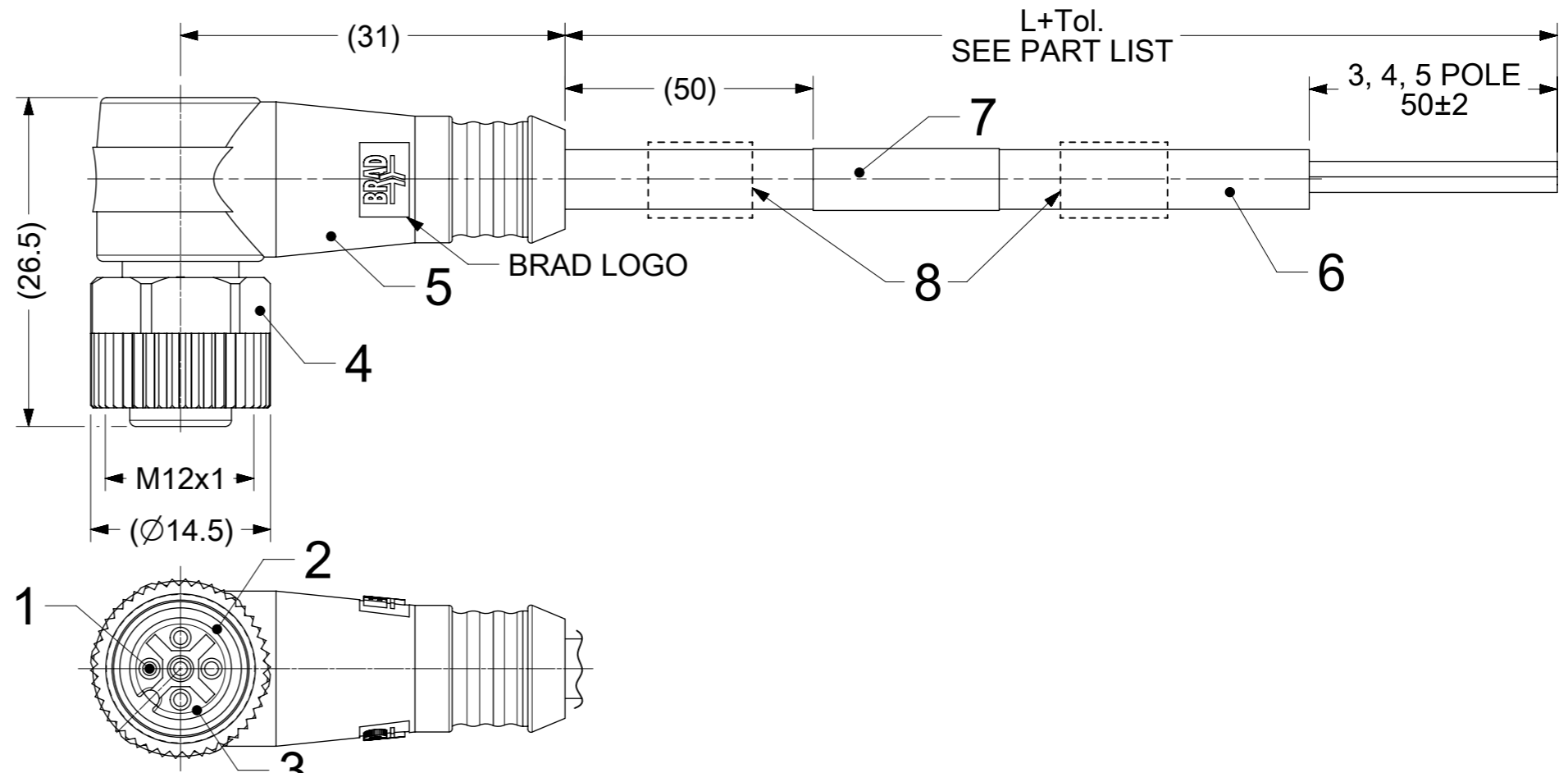


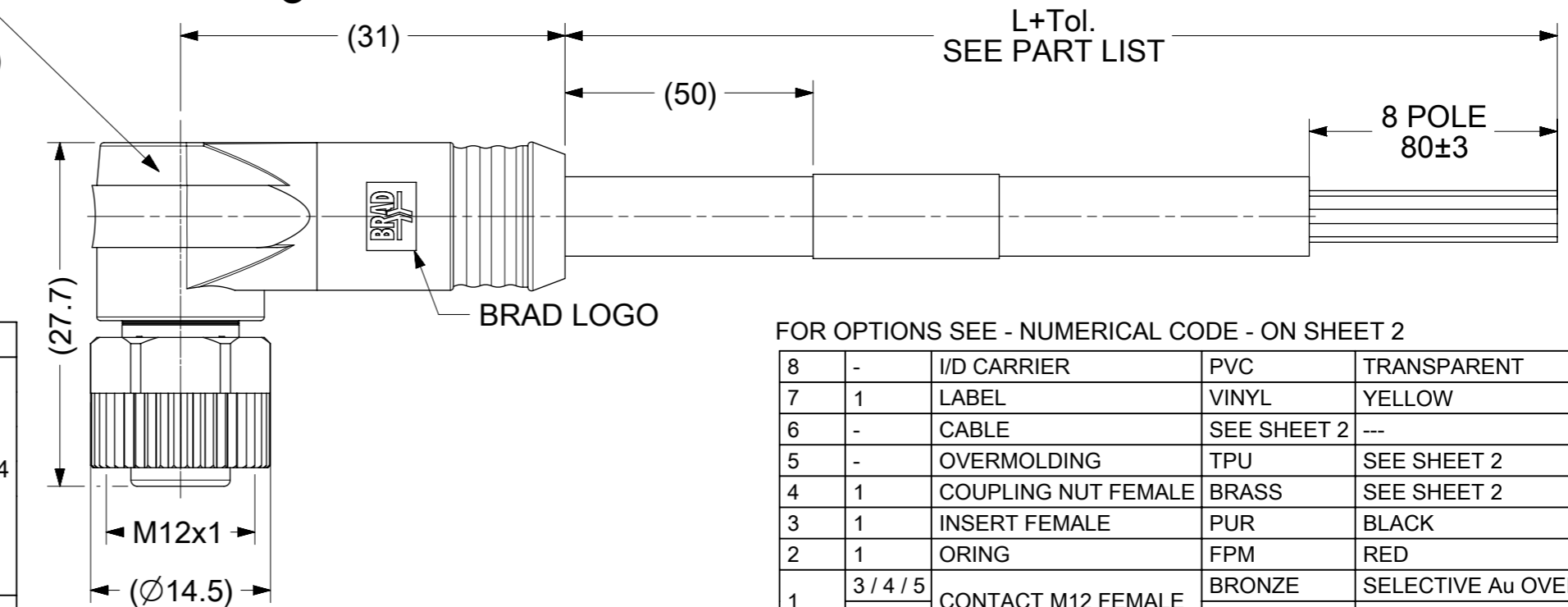
FEMALE PLUG M12 90° ANGLED

NOTES:

RATED VOLTAGE: 3, 4 contacts 250V
 5 contacts 60V
 8 contacts 30V
 RATED CURRENT: 3, 4, 5 contacts 4A
 8 contacts 2A
 PROTECTION CLASS: IP 67
 TEMPERATURE: -25°C / +80°C



Thicker Overmold for Cables with bigger Outer Diameter ($\phi > 6$)



CONTACTS POSITION FRONT VIEW:

| 3 CONTACTS | | 4 CONTACTS | | 5 CONTACTS | | 8 CONTACTS | |
|------------|-------|------------|-------|------------|----------------------|------------|--------|
| | | | | | | | |
| PIN | WIRE | PIN | WIRE | PIN | WIRE | PIN | WIRE |
| 1 | BROWN | 1 | BROWN | 1 | BROWN | 1 | WHITE |
| 2 | --- | 2 | WHITE | 2 | WHITE | 2 | BROWN |
| 3 | BLUE | 3 | BLUE | 3 | BLUE | 3 | GREEN |
| 4 | BLACK | 4 | BLACK | 4 | BLACK | 4 | YELLOW |
| 5 | --- | 5 | --- | 5 | GREY OR GREEN/YELLOW | 5 | GREY |
| | | | | | | 6 | PINK |
| | | | | | | 7 | BLUE |
| | | | | | | 8 | RED |

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH / COLOR |
|------|---------------|---------------------|-------------|----------------------|
| 8 | - | I/D CARRIER | PVC | TRANSPARENT |
| 7 | 1 | LABEL | VINYL | YELLOW |
| 6 | - | CABLE | SEE SHEET 2 | --- |
| 5 | - | OVERMOLDING | TPU | SEE SHEET 2 |
| 4 | 1 | COUPLING NUT FEMALE | BRASS | SEE SHEET 2 |
| 3 | 1 | INSERT FEMALE | PUR | BLACK |
| 2 | 1 | ORING | FPM | RED |
| 1 | 3 / 4 / 5 / 8 | CONTACT M12 FEMALE | BRONZE | SELECTIVE Au OVER Ni |
| | | | BRASS | SELECTIVE Au OVER Ni |
| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH / COLOR |

| | | | | | | | | | | |
|--------------------|---|--|--|--------------|--|----------------|-----------------|----------|----------|----------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: | | molex | | | | | | |
| | DIMENSION UNITS: mm SCALE: 2:1 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 | EC NO: 697196 DRWN: SSM CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: SSM APPR: RSILLER | 2021/12/13 2022/02/28 2021/12/13 2022/02/28 | | CSE M12 XP AC FE RA XM SE UNSH PRODUCT CUSTOMER DRAWING | | | | | |
| DIVISIONAL SYMBOLS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| | | | A3-SIZE | 120065 | SEE SHEET 3 | GENERAL MARKET | 1200656607 | PSD | 000 | A |
| | | | | | | | | | | |

CODING REQUIRED TO IEC 61076-2-101

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

8 0 X 0 0 1 X X X X X X X X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
001=Plug Female
90° Angled

Cable type: See Table

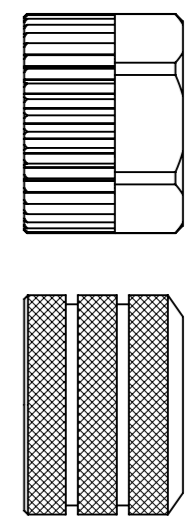
Units:
M=Meter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

OVERMOLD COLOR:
BLANK (STANDARD)= BLACK
Y= YELLOW, A= GREY,
G= BLACK, R= RED

COUPLING NUT:
BLANK (STANDARD)= KNURLED
/HEX BRASS, Ni PLATED
7 = KNURLED BRASS, Ni PLATED,
TEFLON COATED
5 = KNURLED DERLIN

H = 2 pcs. of I/D Carrier
PVC Transparent
(Cables B36 always with
2 pcs. I/D Carrier)



CABLE INFORMATION (for more information see Cable Data Sheet).

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE JACKET | UL | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN TESTED | OTHER | CABLE SPEC. DRAWING |
|------------|--------------|---------------------|---------------|-------------|-----|--------------------------------|---------------------------------|-------------------|----------------------|---------------------|
| B30 | 3 / 4 / 5 | 0.34mm ² | TPU BLACK | STYLE 21215 | YES | -40°C to +90°C, 5xO.D. | -25°C to +80°C, 7.5xO.D. | 5 MIO CYCLES | WELD SLAG RESISTANCE | SD-120209-001 |
| B42 | 5 | | | | | | | | | SD-120209-001 |
| B41 | 8 | 0.25mm ² | SD-120209-006 | | | | | | | |
| B36 | 4 | 0.34mm ² | TPU ORANGE | | | | | | | SD-120209-001 |
| B33 | 4 / 5 | 0.34mm ² | TPU GRAY | | | | | | | SD-120209-001 |
| B55 | 4 / 5 | 0.34mm ² | TPU YELLOW | | | | | | | 1552200001 PS |

| | | | | | | |
|--|--|---|--|------------------|--------------------------------|----------------------------|
| FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SCALE 1:1 | molex CSE M12 XP AC FE RA XM SE UNSH PRODUCT CUSTOMER DRAWING | | | |
| | DIMENSION UNITS mm | CURRENT REV DESC: EC NO: 697196 DRWN: SSM 2021/12/13 CHK'D: RSILLER 2022/02/28 APPR: RSILLER 2022/02/28 | | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$ 4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 | INITIAL REVISION: DRWN: SSM 2021/12/13 APPR: RSILLER 2022/02/28 | DOCUMENT NUMBER 1200656607 | DOC TYPE PSD | DOC PART 000 | REVISION A |
| | DIVISIONAL SYMBOLS DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING A3-SIZE | SERIES 120065 | MATERIAL NUMBER SEE SHEET 3 | CUSTOMER GENERAL MARKET |

PART LIST


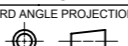
| MOLEX PN | ENGINEERING No | L [mm] |
|------------|-----------------|--------|
| 1200652259 | 803001B30M010 | 1000 |
| 1200652260 | 803001B30M020 | 2000 |
| 1200652261 | 803001B30M050 | 5000 |
| 1200652262 | 803001B30M100 | 10000 |
| 1200652263 | 804001B30M010 | 1000 |
| 1200652264 | 804001B30M020 | 2000 |
| 1200659470 | 804001B30M030 | 3000 |
| 1200652265 | 804001B30M050 | 5000 |
| 1200659807 | 804001B30M083 | 8300 |
| 1200652266 | 804001B30M100 | 10000 |
| 1200659401 | 804001B30M150 | 15000 |
| 1200659471 | 804001B30M200 | 20000 |
| 1200659472 | 804001B30M250 | 25000 |
| 1200659473 | 804001B30M300 | 30000 |
| 1200657144 | 804001B33M005A | 500 |
| 1200656607 | 804001B33M010A | 1000 |
| 1200656608 | 804001B33M020A | 2000 |
| 1200656609 | 804001B33M030A | 3000 |
| 1200656610 | 804001B33M050A | 5000 |
| 1200656611 | 804001B33M100A | 10000 |
| 1200656612 | 804001B33M150A | 15000 |
| 1200656613 | 804001B33M200A | 20000 |
| 1200656852 | 804001B36M0107Y | 1000 |
| 1200656391 | 804001B36M0207H | 2000 |
| 1200659432 | 804001B36M0207Y | 2000 |
| 1200656392 | 804001B36M0507H | 5000 |
| 1200659433 | 804001B36M0507Y | 5000 |
| 1200656393 | 804001B36M1007H | 10000 |
| 1200659434 | 804001B36M1007Y | 10000 |
| 1200656627 | 804001B55M010Y | 1000 |
| 1200656628 | 804001B55M020Y | 2000 |
| 1200656629 | 804001B55M030Y | 3000 |
| 1200656630 | 804001B55M050Y | 5000 |
| 1200656631 | 804001B55M100Y | 10000 |
| 1200656632 | 804001B55M150Y | 15000 |
| 1200656633 | 804001B55M200Y | 20000 |
| 1200659522 | 805001B30M010 | 1000 |
| 1200659523 | 805001B30M020 | 2000 |
| 1200656665 | 805001B30M030 | 3000 |

| MOLEX PN | ENG No. | L [mm] |
|------------|----------------|--------|
| 1200659524 | 805001B30M050 | 5000 |
| 1200659525 | 805001B30M100 | 10000 |
| 1200659748 | 805001B30M150 | 15000 |
| 1200656484 | 805001B30M200 | 20000 |
| 1200657181 | 805001B33M005A | 500 |
| 1200656658 | 805001B33M010A | 1000 |
| 1200656659 | 805001B33M020A | 2000 |
| 1200656660 | 805001B33M030A | 3000 |
| 1200656661 | 805001B33M050A | 5000 |
| 1200656662 | 805001B33M100A | 10000 |
| 1200656663 | 805001B33M150A | 15000 |
| 1200656664 | 805001B33M200A | 20000 |
| 1200657182 | 805001B33M300A | 30000 |
| 1200657183 | 805001B33M400A | 40000 |
| 1200657184 | 805001B33M500A | 50000 |
| 1200652267 | 805001B42M010 | 1000 |
| 1200652268 | 805001B42M020 | 2000 |
| 1200652269 | 805001B42M050 | 5000 |
| 1200652270 | 805001B42M100 | 10000 |
| 1200659542 | 805001B42M200 | 20000 |
| 1200656666 | 805001B55M010Y | 1000 |
| 1200656667 | 805001B55M020Y | 2000 |
| 1200656668 | 805001B55M030Y | 3000 |
| 1200656669 | 805001B55M050Y | 5000 |
| 1200656670 | 805001B55M100Y | 10000 |
| 1200656671 | 805001B55M150Y | 15000 |
| 1200656672 | 805001B55M200Y | 20000 |
| 1200652310 | 808001B41M010 | 1000 |
| 1200652311 | 808001B41M020 | 2000 |
| 1200652312 | 808001B41M050 | 5000 |
| 1200659789 | 808001B41M083 | 8300 |
| 1200652313 | 808001B41M100 | 10000 |
| 1200656022 | 808001B41M150 | 15000 |
| 1200656486 | 808001B41M200 | 20000 |

| TABLE OF LENGTH TOLERANCES | | |
|----------------------------|---------------------|---------------|
| OVER | UP TO AND INCLUDING | TOLERANCE |
| 0 | 1000 | +40 0 |
| 1000 | 5000 | +60 0 |
| 5000 | 10000 | +80 0 |
| 10000 | 20000 | +140 0 |
| 20000 | 30000 | +160 0 |
| 30000 | > | +1% OF LENGTH |

NOTE:
* (STAR) - INDICATES THESE PNS ONLY HAVE ID CARRIER IN BOM.

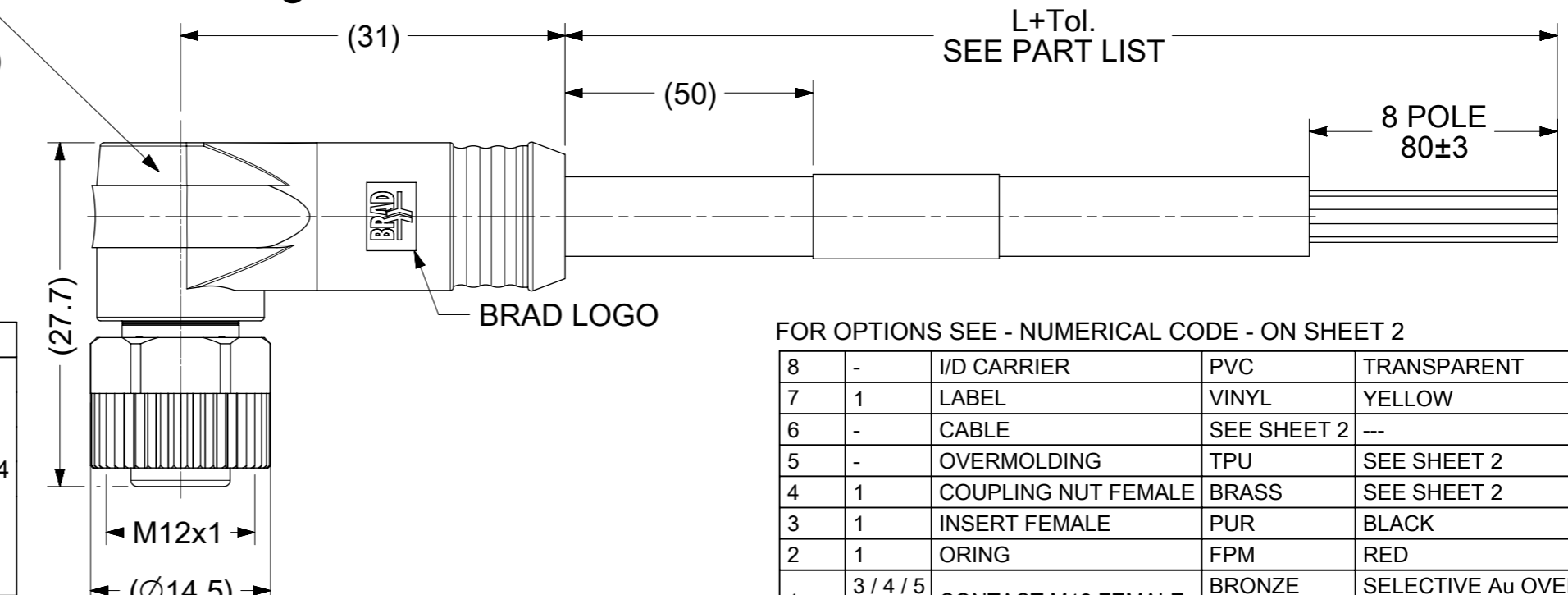
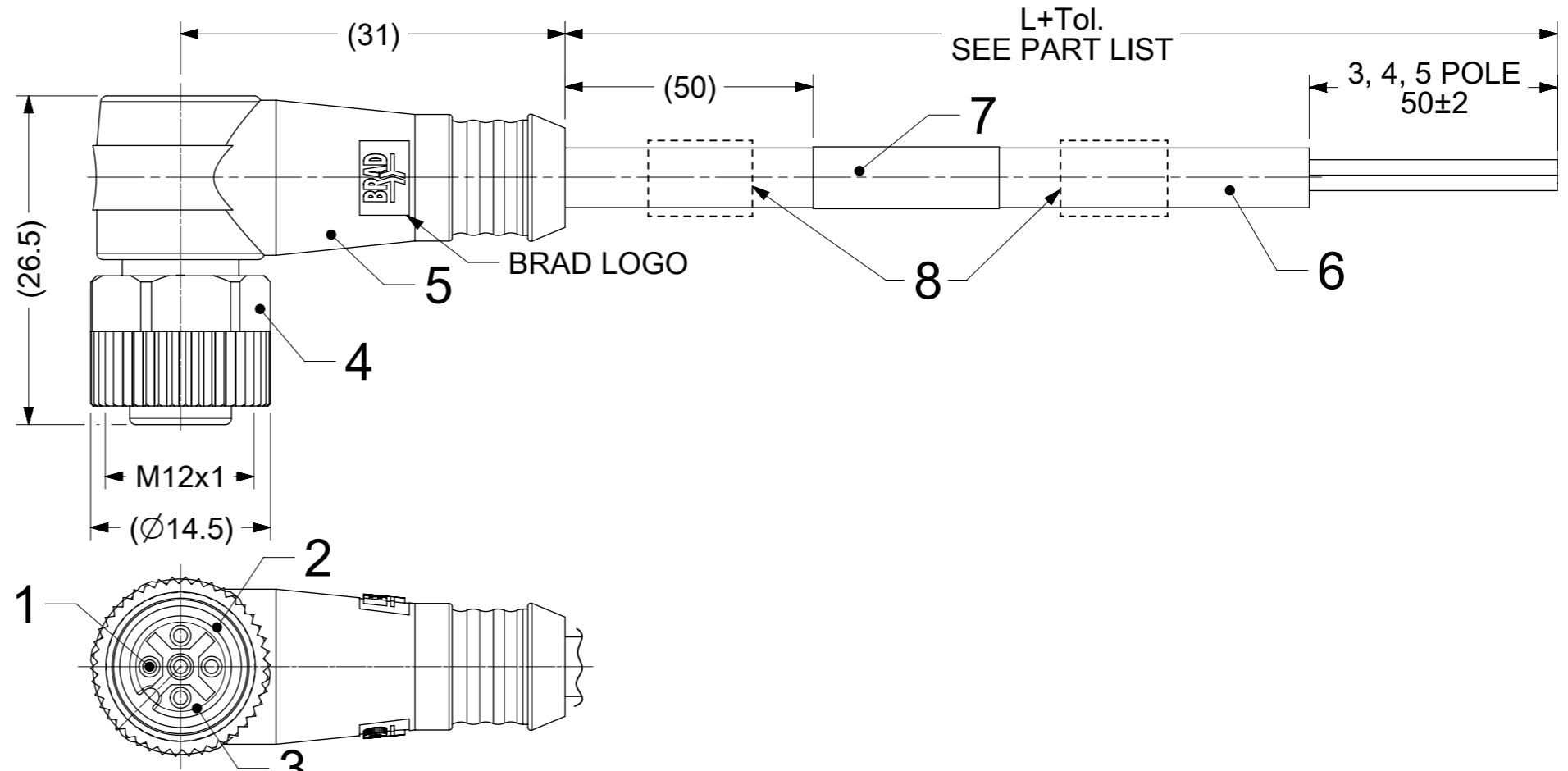
| | | | | |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/02/28 | 09:13:47 |
|-----------------|----|--------------|------------|----------|

| | | | | |
|--------------------|---|---|--|---|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | |
| | $\nabla_A = 0$ $\nabla_F = 0$ $\nabla_V = 0$ | DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$ 4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 | EC NO: 697196 DRWN: SSM APPR: RSILLER 2021/12/13 2022/02/28 |  CSE M12 XP AC FE RA XM SE UNSH PRODUCT CUSTOMER DRAWING |
| DIVISIONAL SYMBOLS | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION  | DRAWING: A3-SIZE SERIES: 120065 MATERIAL NUMBER: SEE SHEET 3 CUSTOMER: GENERAL MARKET | DOCUMENT NUMBER: 1200656607 DOC TYPE: PSD DOC PART: 000 REVISION: A | |

FEMALE PLUG M12 90° ANGLED

NOTES:

RATED VOLTAGE: 3, 4 contacts 250V
 5 contacts 60V
 8 contacts 30V
 RATED CURRENT: 3, 4, 5 contacts 4A
 8 contacts 2A
 PROTECTION CLASS: IP 67
 TEMPERATURE: -25°C / +80°C



CONTACTS POSITION FRONT VIEW:

| 3 CONTACTS | | 4 CONTACTS | | 5 CONTACTS | | 8 CONTACTS | |
|------------|-------|------------|-------|------------|----------------------|------------|--------|
| | | | | | | | |
| PIN | WIRE | PIN | WIRE | PIN | WIRE | PIN | WIRE |
| 1 | BROWN | 1 | BROWN | 1 | BROWN | 1 | WHITE |
| 2 | --- | 2 | WHITE | 2 | WHITE | 2 | BROWN |
| 3 | BLUE | 3 | BLUE | 3 | BLUE | 3 | GREEN |
| 4 | BLACK | 4 | BLACK | 4 | BLACK | 4 | YELLOW |
| 5 | --- | 5 | --- | 5 | GREY OR GREEN/YELLOW | 5 | GREY |
| | | | | | | 6 | PINK |
| | | | | | | 7 | BLUE |
| | | | | | | 8 | RED |

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH / COLOR |
|------|---------------|---------------------|-------------|----------------------|
| 8 | - | I/D CARRIER | PVC | TRANSPARENT |
| 7 | 1 | LABEL | VINYL | YELLOW |
| 6 | - | CABLE | SEE SHEET 2 | --- |
| 5 | - | OVERMOLDING | TPU | SEE SHEET 2 |
| 4 | 1 | COUPLING NUT FEMALE | BRASS | SEE SHEET 2 |
| 3 | 1 | INSERT FEMALE | PUR | BLACK |
| 2 | 1 | ORING | FPM | RED |
| 1 | 3 / 4 / 5 / 8 | CONTACT M12 FEMALE | BRONZE | SELECTIVE Au OVER Ni |
| | | | BRASS | SELECTIVE Au OVER Ni |

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

FUNCTIONAL SYMBOLS: $\nabla_A = 0$, $\nabla_E = 0$, $\nabla_V = 0$

DIVISIONAL SYMBOLS: 4 PLACES \pm , 3 PLACES \pm , 2 PLACES ± 0.05 , 1 PLACE ± 0.3 , 0 PLACES ± 0.5

THIRD ANGLE PROJECTION:

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL $\pm 1.0^\circ$

EC NO: 667684
 DRWN: RSCHIEBER 2021/06/21
 CHK'D: RSILLER 2021/06/22
 APPR: RSILLER 2021/06/22

INITIAL REVISION:
 DRWN: FSCHAFHAUSER 2014/02/10
 APPR: CBURGER 2014/05/07

DOCUMENT NUMBER: SD-120065-076
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: A5

SHEET NUMBER: 1 OF 3

CUSTOMER: GENERAL MARKET

SERIES: 120065

MATERIAL NUMBER: SEE SHEET 3

CODING REQUIRED TO IEC 61076-2-101

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

8 0 X 0 0 1 X X X X X X X X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
001=Plug Female
90° Angled

Cable type: See Table

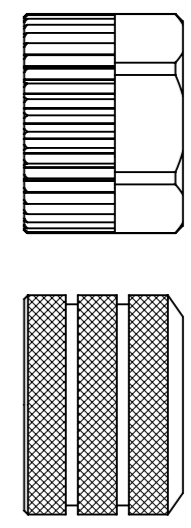
Units:
M=Meter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

OVERMOLD COLOR:
BLANK (STANDARD)= BLACK
Y= YELLOW, A= GREY,
G= BLACK, R= RED

COUPLING NUT:
BLANK (STANDARD)= KNURLED
/HEX BRASS, Ni PLATED
7 = KNURLED BRASS, Ni PLATED,
TEFLON COATED
5 = KNURLED DERLIN

H = 2 pcs. of I/D Carrier
PVC Transparent
(Cables B36 always with
2 pcs. I/D Carrier)



CABLE INFORMATION (for more information see Cable Data Sheet).

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE JACKET | UL | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN TESTED | OTHER | CABLE SPEC. DRAWING |
|------------|--------------|---------------------|---------------|-------------|-----|--------------------------------|---------------------------------|-------------------|----------------------|---------------------|
| B30 | 3 / 4 / 5 | 0.34mm ² | TPU BLACK | STYLE 21215 | YES | -40°C to +90°C, 5xO.D. | -25°C to +80°C, 7.5xO.D. | 5 MIO CYCLES | WELD SLAG RESISTANCE | SD-120209-001 |
| B42 | 5 | | | | | | | | | SD-120209-001 |
| B41 | 8 | 0.25mm ² | SD-120209-006 | | | | | | | |
| B36 | 4 | 0.34mm ² | TPU ORANGE | | | | | | | SD-120209-001 |
| B33 | 4 / 5 | 0.34mm ² | TPU GRAY | | | | | | | SD-120209-001 |
| B55 | 4 / 5 | 0.34mm ² | TPU YELLOW | | | | | | | 1552200001 PS |


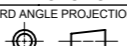
| | | | | | |
|--|---|---------------------------------------|-------------------------------|---------------|-----------------|
| FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SCALE 1:1 | CURRENT REV DESC: PIN'S ADDED | | |
| | DIMENSION UNITS mm | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| | ANGULAR TOL ± 1.0° | | | | |
| | 4 PLACES ± | | | | |
| DIVISIONAL SYMBOLS 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 | EC NO: 667684 | | 2021/06/21 | | |
| | DRWN: RSCHIEBER | | 2021/06/22 | | |
| | CHK'D: RSILLER | | 2021/06/22 | | |
| | APPR: RSILLER | | 2021/06/22 | | |
| INITIAL REVISION: | | DOCUMENT NUMBER | | | |
| DRWN: FSCHAFHAUSER | | 2014/02/10 | | SD-120065-076 | |
| APPR: CBURGER | | 2014/05/07 | | PSD 001 A5 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER |
| | | | A3-SIZE | 120065 | SEE SHEET 3 |
| | | CUSTOMER | GENERAL MARKET | | |
| | | SHEET NUMBER | | 2 OF 3 | |

PART LIST

| Lp. | MOLEX PN | ENGINEERING No | L+Tol. [mm] |
|-----|-------------|-----------------|-------------|
| 1 | 1200652259 | 803001B30M010 | 1000 +40 |
| 2 | 1200652260 | 803001B30M020 | 2000 +60 |
| 3 | 1200652261 | 803001B30M050 | 5000 +60 |
| 4 | 1200652262 | 803001B30M100 | 10000 +80 |
| 5 | 1200652263 | 804001B30M010 | 1000 +40 |
| 6 | 1200652264 | 804001B30M020 | 2000 +60 |
| 7 | 1200652265 | 804001B30M050 | 5000 +60 |
| 8 | 1200652266 | 804001B30M100 | 10000 +80 |
| 9 | 1200659401 | 804001B30M150 | 15000 +160 |
| 10 | 1200659470 | 804001B30M030 | 3000 +60 |
| 11 | 1200659471 | 804001B30M200 | 20000 +160 |
| 12 | 1200659472 | 804001B30M250 | 25000 +160 |
| 13 | 1200659473 | 804001B30M300 | 30000 +300 |
| 14 | 1200659522 | 805001B30M010 | 1000 +40 |
| 15 | 1200659523 | 805001B30M020 | 2000 +60 |
| 16 | 1200659524 | 805001B30M050 | 5000 +60 |
| 17 | 1200659525 | 805001B30M100 | 10000 +80 |
| 18 | 1200659748 | 805001B30M150 | 15000 +160 |
| 19 | 1200659807 | 804001B30M083 | 8300 +80 |
| 20 | 1200652310 | 808001B41M010 | 1000 +40 |
| 21 | 1200652311 | 808001B41M020 | 2000 +60 |
| 22 | 1200652312 | 808001B41M050 | 5000 +60 |
| 23 | 1200652313 | 808001B41M100 | 10000 +80 |
| 24 | 1200656022 | 808001B41M150 | 15000 +160 |
| 25 | 1200659789 | 808001B41M083 | 8300 +80 |
| 26 | 1200652267 | 805001B42M010 | 1000 +40 |
| 27 | 1200652268 | 805001B42M020 | 2000 +60 |
| 28 | 1200652269 | 805001B42M050 | 5000 +60 |
| 29 | 1200652270 | 805001B42M100 | 10000 +80 |
| 30 | 1200659542 | 805001B42M200 | 20000 +160 |
| 31 | 1200656391 | 804001B36M0207H | 2000 +60 |
| 32 | 1200656392 | 804001B36M0507H | 5000 +60 |
| 33 | 1200656393 | 804001B36M1007H | 10000 +80 |
| 34 | 1200656484 | 805001B30M200 | 20000 +160 |
| 35 | 1200656486 | 808001B41M200 | 20000 +160 |
| 36 | *1200659432 | 804001B36M0207Y | 2000 +60 |
| 37 | *1200659433 | 804001B36M0507Y | 5000 +60 |
| 38 | *1200659434 | 804001B36M1007Y | 10000 +80 |
| 39 | 1200656607 | 804001B33M010A | 1000 +40 |
| 40 | 1200656608 | 804001B33M020A | 2000 +60 |

| Lp. | MOLEX PN | ENGINEERING No | L+Tol. [mm] |
|-----|------------|-----------------|-------------|
| 41 | 1200656609 | 804001B33M030A | 3000+60 |
| 42 | 1200656610 | 804001B33M050A | 5000 +60 |
| 43 | 1200656611 | 804001B33M100A | 10000 +80 |
| 44 | 1200656612 | 804001B33M150A | 15000 +160 |
| 45 | 1200656613 | 804001B33M200A | 20000 +160 |
| 46 | 1200656658 | 805001B33M010A | 1000 +40 |
| 47 | 1200656659 | 805001B33M020A | 2000 +60 |
| 48 | 1200656660 | 805001B33M030A | 3000+60 |
| 49 | 1200656661 | 805001B33M050A | 5000 +60 |
| 50 | 1200656662 | 805001B33M100A | 10000 +80 |
| 51 | 1200656663 | 805001B33M150A | 15000 +160 |
| 52 | 1200656664 | 805001B33M200A | 20000 +160 |
| 53 | 1200656665 | 805001B30M030 | 3000 +60 |
| 55 | 1200656627 | 804001B55M010Y | 1000 +40 |
| 56 | 1200656628 | 804001B55M020Y | 2000 +60 |
| 57 | 1200656629 | 804001B55M030Y | 3000+60 |
| 58 | 1200656630 | 804001B55M050Y | 5000 +60 |
| 59 | 1200656631 | 804001B55M100Y | 10000 +80 |
| 60 | 1200656632 | 804001B55M150Y | 15000 +160 |
| 61 | 1200656633 | 804001B55M200Y | 20000 +160 |
| 62 | 1200656666 | 805001B55M010Y | 1000 +40 |
| 63 | 1200656667 | 805001B55M020Y | 2000 +60 |
| 64 | 1200656668 | 805001B55M030Y | 3000+60 |
| 65 | 1200656669 | 805001B55M050Y | 5000 +60 |
| 66 | 1200656670 | 805001B55M100Y | 10000 +80 |
| 67 | 1200656671 | 805001B55M150Y | 15000 +160 |
| 68 | 1200656672 | 805001B55M200Y | 20000 +160 |
| 69 | 1200651313 | 804001B02M040 | 4000 +60 |
| 70 | 1200651315 | 804001B02M050 | 5000 +60 |
| 71 | 1200656852 | 804001B36M0107Y | 1000 +40 |
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NOTE:
* (STAR) - INDICATES THESE PNS ONLY HAVE ID CARRIER IN BOM.

| | | | |
|---|---|----------------|---|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| $\nabla_A = 0$ | DIMENSION UNITS | SCALE | CURRENT REV DESC: PIN'S ADDED |
| $\nabla_E = 0$ | mm | 1:1 |  CSE M12 XP AC FE RA XM SE UNSH PRODUCT CUSTOMER DRAWING |
| $\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
| $\nabla_G = 0$ | ANGULAR TOL ± 1.0° | | |
| DIVISIONAL SYMBOLS | 4 PLACES | ± | EC NO: 667684 |
| | 3 PLACES | ± | DRWN: RSCHIEBER 2021/06/21 |
| | 2 PLACES | ± 0.05 | CHK'D: RSILLER 2021/06/22 |
| | 1 PLACE | ± 0.3 | APPR: RSILLER 2021/06/22 |
| | 0 PLACES | ± 0.5 | INITIAL REVISION: |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRWN: FSCHAFHAUSER 2014/02/10 |
| | THIRD ANGLE PROJECTION | | APPR: CBURGER 2014/05/07 |
| | DRAWING | SERIES | DOCUMENT NUMBER |
|  | A3-SIZE | 120065 | SD-120065-076 |
| | MATERIAL NUMBER | CUSTOMER | DOC TYPE DOC PART REVISION |
| | SEE SHEET 3 | GENERAL MARKET | PSD 001 A5 |
| | | | SHEET NUMBER |
| | | | 3 OF 3 |