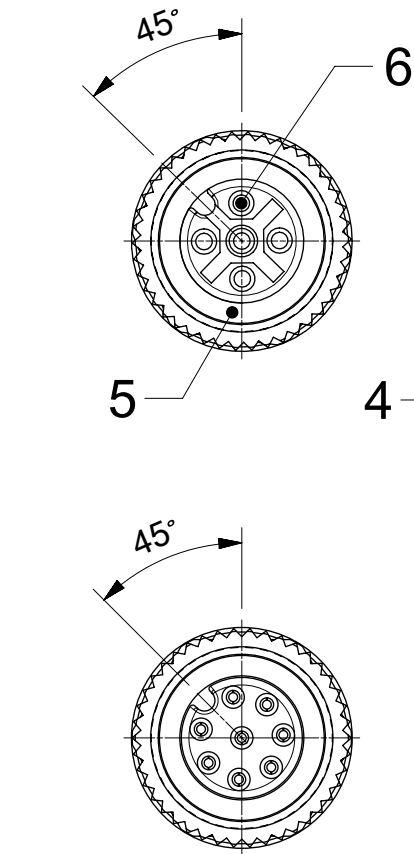
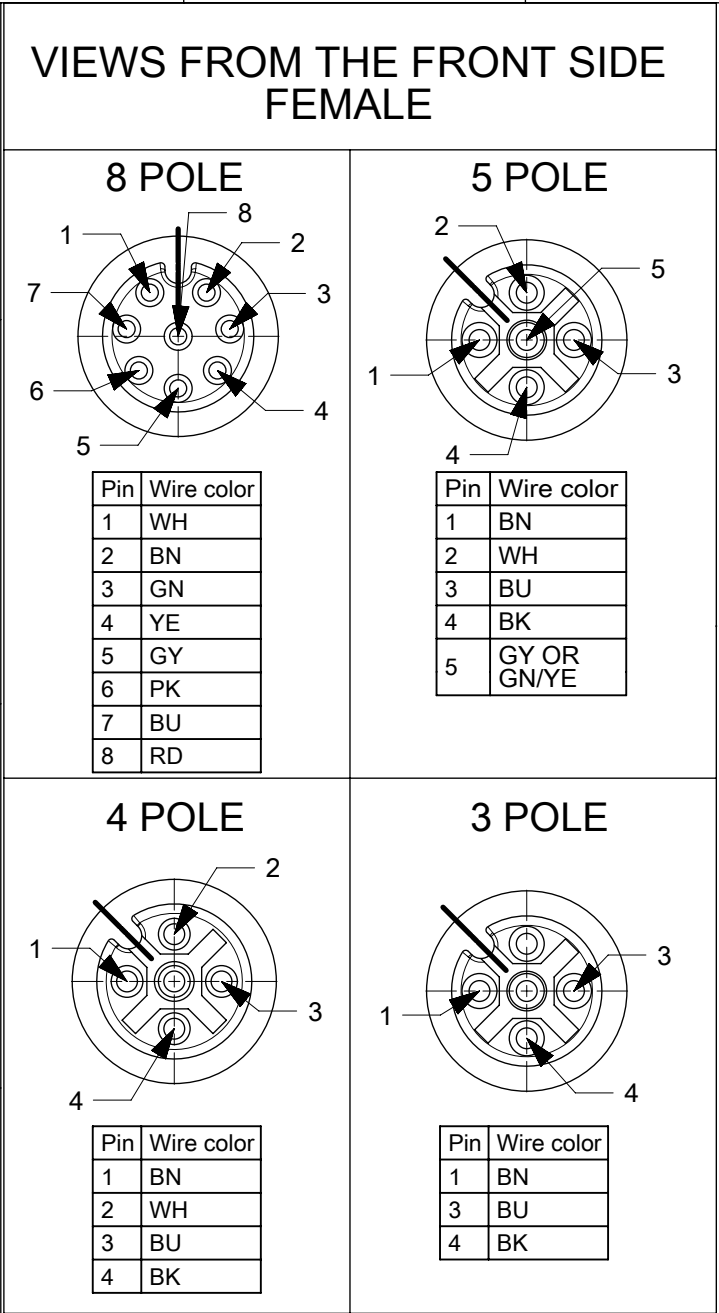
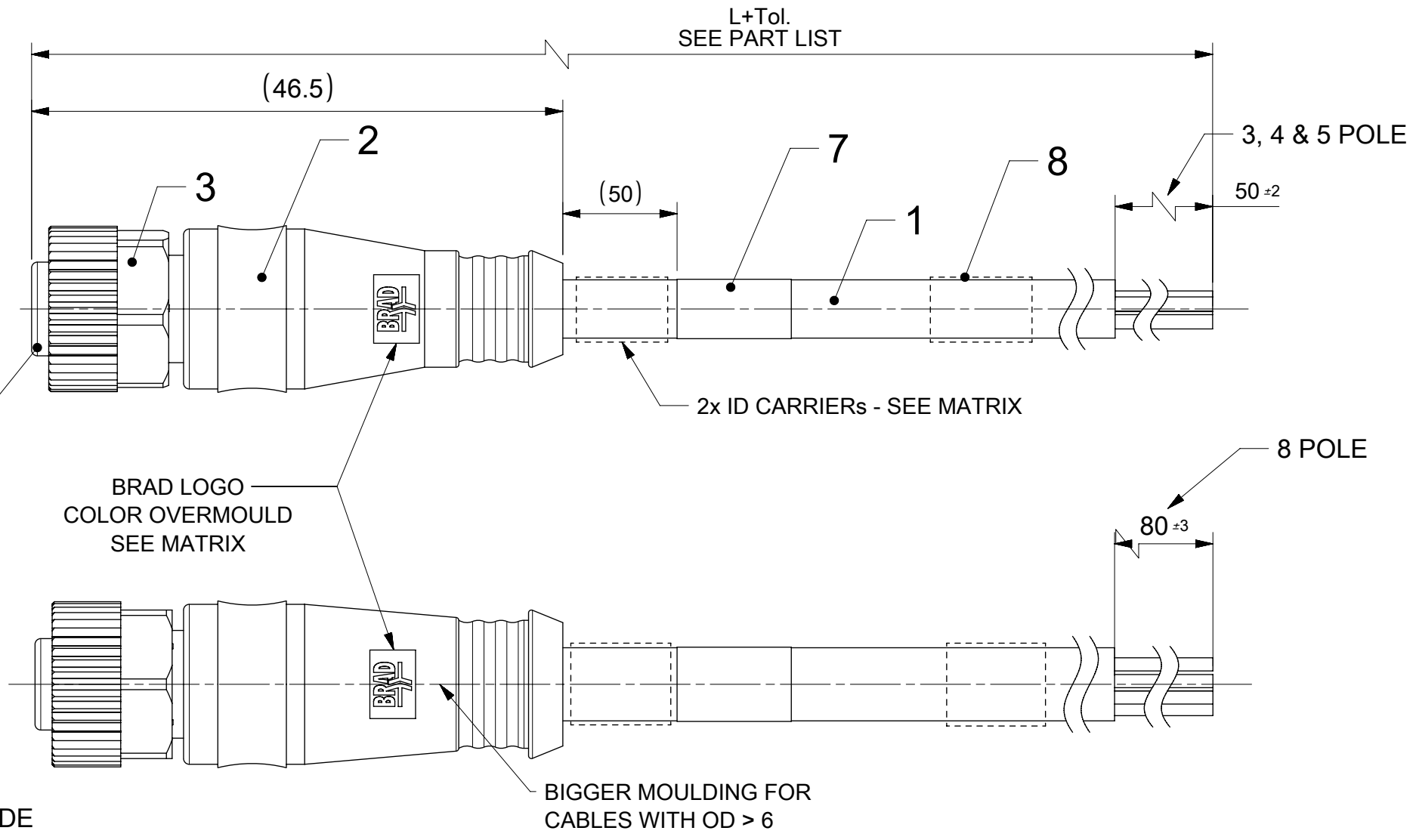




VIEW FROM THE FRONT SIDE



NOTES:

TEMPERATURE RANGE : SEE CABLE LIST

RATED VOLTAGE: 3, 4 contacts : 250V  
5 contacts : 60V  
8 contacts : 30V

RATED CURRENT: 3, 4, 5 contacts : 4A  
8 contacts : 2A

INSULATION RESISTANCE: 10<sup>8</sup> Ω MIN.

MATING CYCLES: MIN. 100

ENVIRONMENTAL:PROTECTION: IP67 IN MATED AND LOCKED POSITION

BILL OF MATERIAL

|      |         |               |                |                     |
|------|---------|---------------|----------------|---------------------|
| 8    | 0/2     | I/D CARRIER   | -              | -                   |
| 7    | 1       | LABEL         | VINYL          | YELLOW              |
| 6    | 3/4/5/8 | CONTACTS      | BRASS          | GOLD OVER Ni-PLATED |
| 5    | 1       | GASKET        | FPM            | RED                 |
| 4    | 1       | FEMALE INSERT | PUR            | BLACK               |
| 3    | 1       | COUPLING NUT  | BRASS          | Ni-PLATED           |
| 2    | -       | OVERMOULD     | TPU            | BLACK               |
| 1    | -       | CABLE         | SEE CABLE LIST | SEE CABLE LIST      |
| ITEM | QTY.    | DESCRIPTION   | MATERIAL       | FINISH/COLOR        |

|                                                                  |                                                                                                                                               |                                 |                                                                                                                |                  |                                                                             |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------|
| FUNCTIONAL SYMBOLS<br>FA=0<br>FE=0<br>FV=0<br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: NEW P/N ADDED |                                                                                                                |                  |                                                                             |
|                                                                  | DIMENSION UNITS<br>mm                                                                                                                         | SCALE<br>2:1                    | <div><b>molex</b></div> <div>CSE M12 XP AC FE STR WSOR XM SE UNSH BK</div> <div>PRODUCT CUSTOMER DRAWING</div> |                  |                                                                             |
|                                                                  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                 |                                                                                                                |                  |                                                                             |
|                                                                  | ANGULAR TOL ± 1.0 °                                                                                                                           |                                 |                                                                                                                |                  |                                                                             |
|                                                                  | 4 PLACES ±                                                                                                                                    |                                 |                                                                                                                |                  |                                                                             |
| 3 PLACES ±                                                       |                                                                                                                                               | EC NO: 801104                   |                                                                                                                | 2024/10/14       |                                                                             |
| 2 PLACES ± 0.05                                                  |                                                                                                                                               | DRWN: RSCHIEBER                 |                                                                                                                | 2024/10/14       |                                                                             |
| 1 PLACE ± 0.3                                                    |                                                                                                                                               | CHK'D: RSILLER                  |                                                                                                                | 2024/10/14       |                                                                             |
| 0 PLACES ± 0.5                                                   |                                                                                                                                               | APPR: RSILLER                   |                                                                                                                | 2024/10/14       |                                                                             |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS             |                                                                                                                                               | THIRD ANGLE PROJECTION          | DRAWING<br>A3-SIZE                                                                                             | SERIES<br>120065 | INITIAL REVISION:<br>DRWN: SSM<br>APPR: RSILLER<br>2021/12/16<br>2022/02/28 |
| DOCUMENT NUMBER<br>1200652251                                    |                                                                                                                                               |                                 | CUSTOMER<br>GENERAL MARKET                                                                                     | DOC TYPE<br>PSD  | DOC PART<br>000                                                             |
| SHEET NUMBER<br>1 OF 3                                           |                                                                                                                                               |                                 | REVISION<br>B2                                                                                                 |                  |                                                                             |

8 0 X 0 0 0 B X X X X X X X X

POLES:  
3 = 3 POLES  
4 = 4 POLES  
5 = 5 POLES  
8 = 8 POLES

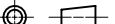
**CABLE:**  
 B30 = 0,34mm<sup>2</sup>, TPU BLACK  
 B33 = 0,34mm<sup>2</sup>, TPU GREY  
 B36 = 0,34mm<sup>2</sup>, TPU ORANGE  
 B39 = 0,75mm<sup>2</sup>, TPU BLACK  
 B41 = 0,25mm<sup>2</sup>, TPU BLACK  
 B42 = 0,34mm<sup>2</sup>, TPU BLACK  
 B49 = 0,25mm<sup>2</sup>, TPU ORANGE  
 B55 = 0,34mm<sup>2</sup>, TPU YELLOW

LENGTH:  
EXAMPLE:  
010 = 1 m  
050 = 5 m  
100 = 10 m

## CABLE LIST

| CABLE TYPE | NO. OF WIRES | CROSS SECTION       | CABLE JACKET | UL 21215 | CSA | ISO6722 | ISO14572 | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN                                | OTHER                   |
|------------|--------------|---------------------|--------------|----------|-----|---------|----------|--------------------------------|---------------------------------|-------------------------------------------|-------------------------|
| B30        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | TPU Black    | YES      | YES | YES     | YES      | -40°C to +90°C<br>5xO.D.       | -25°C to +80°C<br>7.5xO.D.      | up to 5 000<br>000 cycles<br>at temp 20°C | WELD SLAG<br>RESISTANCE |
| B41        | 8            | 0.25mm <sup>2</sup> | TPU Black    |          |     |         |          |                                |                                 |                                           |                         |
| B42        | 5            | 0.34mm <sup>2</sup> | TPU Black    |          |     |         |          |                                |                                 |                                           |                         |
| B33        | 4 / 5        | 0.34mm <sup>2</sup> | TPU Gray     |          |     |         |          |                                |                                 |                                           |                         |
| B55        | 4 / 5        | 0.34mm <sup>2</sup> | TPU Yellow   |          |     |         |          |                                |                                 |                                           |                         |
| B36        | 4 / 5        | 0.34mm <sup>2</sup> | TPU Orange   |          |     |         |          |                                |                                 |                                           |                         |
| B39        | 5            | 0.34mm <sup>2</sup> | TPU Yellow   |          |     |         |          |                                |                                 |                                           |                         |

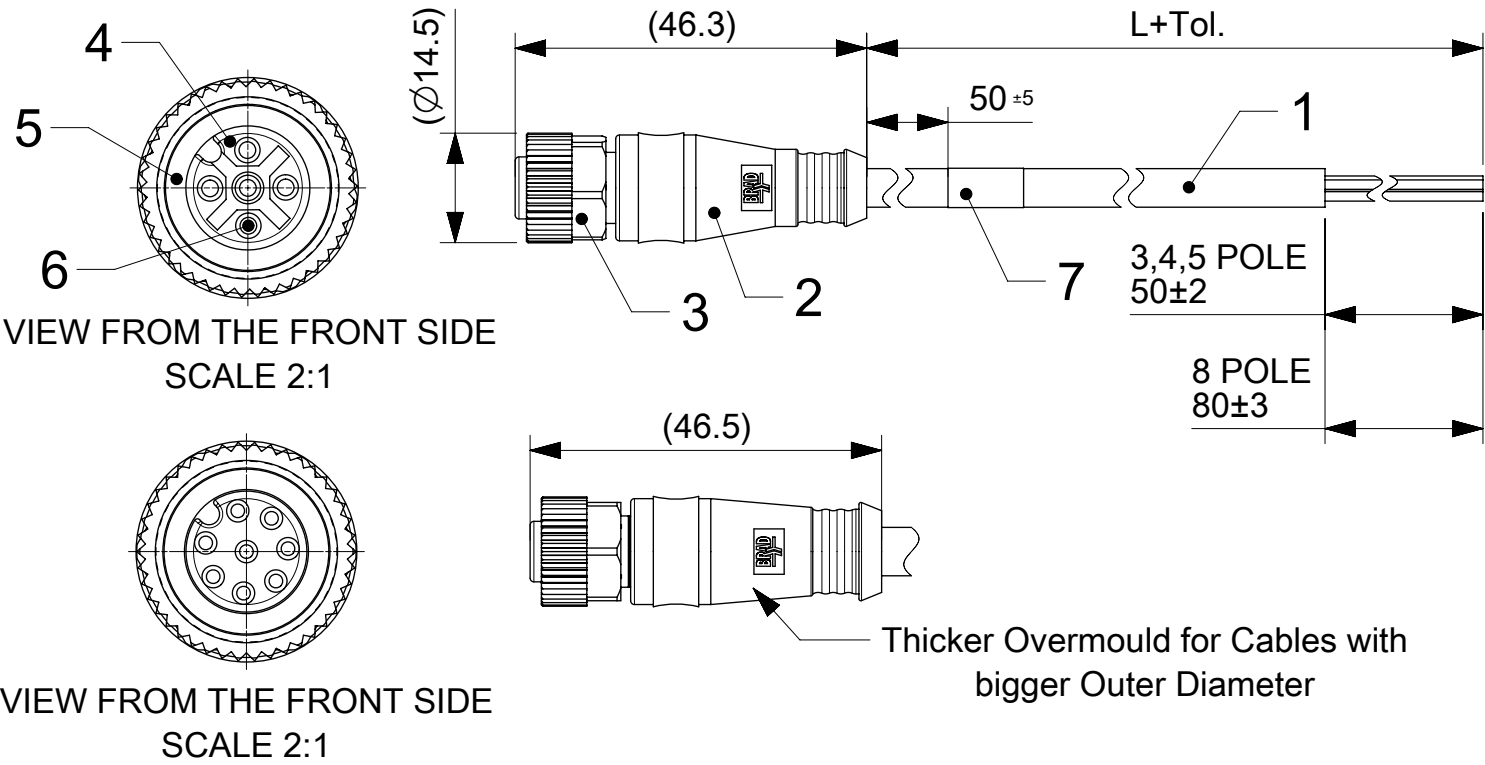
| LENGTH       | TOLERANCE  |
|--------------|------------|
| 0 m - 1 m    | +40 mm     |
| >1 m - 5 m   | +60 mm     |
| >5 m - 10 m  | +80 mm     |
| >10 m - 20 m | +140 mm    |
| >20 m - 30 m | +160 mm    |
| >30 m        | +1% length |

|                                                                                       |                                                                                                                                               |                        |                                                                                                      |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|---------------|-----------------------------------------|-----------------|------------------|----------|--|--------------|--|----------|--|
| FUNCTIONAL SYMBOLS                                                                    | 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: NEW P/N ADDED |               |                                         |                 | <div>molex</div> |          |  |              |  |          |  |
|                                                                                       | mm                                                                                                                                            |                        | 1:1                                                                                                  |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|                                                                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        | EC NO: 801104<br>DRWN: RSCHIEBER 2024/10/14<br>CHK'D: RSILLER 2024/10/14<br>APPR: RSILLER 2024/10/14 |                                                                       |                                 |               | CSE M12 XP AC FE STR WSOR XM SE UNSH BK |                 |                  |          |  |              |  |          |  |
|                                                                                       | ANGULAR TOL ± 1.0 °                                                                                                                           |                        |                                                                                                      |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|                                                                                       | 4 PLACES ±                                                                                                                                    |                        |                                                                                                      |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|                                                                                       | 3 PLACES ±                                                                                                                                    |                        |                                                                                                      |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|                                                                                       | 2 PLACES ± 0.05                                                                                                                               |                        |                                                                                                      |                                                                       |                                 |               |                                         |                 |                  |          |  |              |  |          |  |
|                                                                                       | DIVISIONAL SYMBOLS                                                                                                                            | 1 PLACE ± 0.3          |                                                                                                      | INITIAL REVISION:<br>DRWN: SSM 2021/12/16<br>APPR: RSILLER 2022/02/28 |                                 |               |                                         | DOCUMENT NUMBER |                  | DOC TYPE |  | DOC PART     |  | REVISION |  |
|                                                                                       |                                                                                                                                               | 0 PLACES ± 0.5         |                                                                                                      |                                                                       |                                 |               |                                         | 1200652251      |                  | PSD      |  | 000          |  | B2       |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                            |                                                                                                                                               | THIRD ANGLE PROJECTION |                                                                                                      | DRAWING                                                               |                                 | SERIES        |                                         | MATERIAL NUMBER |                  | CUSTOMER |  | SHEET NUMBER |  |          |  |
|  |                                                                                                                                               | A3-SIZE                |                                                                                                      | 120065                                                                |                                 | SEE PART LIST |                                         | GENERAL MARKET  |                  | 2 OF 3   |  |              |  |          |  |

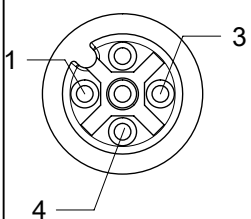
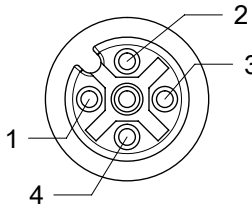
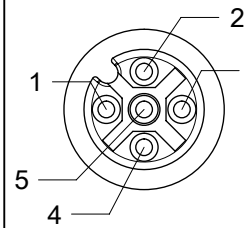
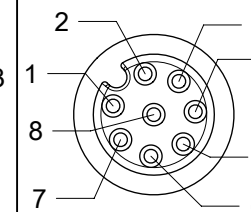
## F

EDBCA

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



CONTACTS POSITION FRONT VIEW:

|             | 3 CONTACTS                                                                                                                                          | 4 CONTACTS                                                                          | 5 CONTACTS                                                                          | 8 CONTACTS                                                                           |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|---|------|---|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|------|---|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|------|---|-------|---|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|-------|---|--------|---|------|---|------|---|------|---|-----|
| FEMALE      |                                                                  |  |  |  |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| CONNECTIONS | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr></table> | PIN                                                                                 | WIRE                                                                                | 1                                                                                    | BROWN | 3 | BLUE | 4 | BLACK | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr></table> | PIN | WIRE | 1 | BROWN | 2 | WHITE | 3 | BLUE | 4 | BLACK | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>GREY<br/>OR<br/>GREEN/YELLOW</td></tr></table> | PIN | WIRE | 1 | BROWN | 2 | WHITE | 3 | BLUE | 4 | BLACK | 5 | GREY<br>OR<br>GREEN/YELLOW | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>WHITE</td></tr><tr><td>2</td><td>BROWN</td></tr><tr><td>3</td><td>GREEN</td></tr><tr><td>4</td><td>YELLOW</td></tr><tr><td>5</td><td>GREY</td></tr><tr><td>6</td><td>PINK</td></tr><tr><td>7</td><td>BLUE</td></tr><tr><td>8</td><td>RED</td></tr></table> | PIN | WIRE | 1 | WHITE | 2 | BROWN | 3 | GREEN | 4 | YELLOW | 5 | GREY | 6 | PINK | 7 | BLUE | 8 | RED |
| PIN         | WIRE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1           | BROWN                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3           | BLUE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4           | BLACK                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN         | WIRE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1           | BROWN                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2           | WHITE                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3           | BLUE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4           | BLACK                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN         | WIRE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1           | BROWN                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2           | WHITE                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3           | BLUE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4           | BLACK                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5           | GREY<br>OR<br>GREEN/YELLOW                                                                                                                          |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN         | WIRE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1           | WHITE                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2           | BROWN                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3           | GREEN                                                                                                                                               |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4           | YELLOW                                                                                                                                              |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5           | GREY                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 6           | PINK                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 7           | BLUE                                                                                                                                                |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 8           | RED                                                                                                                                                 |                                                                                     |                                                                                     |                                                                                      |       |   |      |   |       |                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |                                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |                            |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |

FOR OPTION SEE - NUMERICAL CODE - ON SHEET 2

|      |         |                     |             |                     |
|------|---------|---------------------|-------------|---------------------|
| 7    | 1       | LABEL YE            | VINYL       | -                   |
| 6    | 3/4/5/8 | CONTACT FE          | BRASS       | GOLD OVER Ni-PLATED |
| 5    | 1       | GASKET RD           | FPM         | -                   |
| 4    | 1       | INSERT M12 FE XP BK | PUR         | -                   |
| 3    | 1       | COUPLING NUT M12 FE | SEE SHEET 2 | SEE SHEET 2         |
| 2    | -       | OVERMOULDING        | SEE SHEET 2 | SEE SHEET 2         |
| 1    | -       | CABLE               | SEE SHEET 2 | -                   |
| ITEM | QTY.    | DESCRIPTION         | MATERIAL    | FINISH              |

FUNCTIONAL SYMBOLS

$\nabla_A = 0$

$\nabla_E = 0$

$\nabla_F = 0$

DIVISIONAL SYMBOLS

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: STANDARDIZATION

EC NO: 681756

DRWN: MKOWALCZYK01

CHK'D: ALEKSP3

APPR: KMARCINIAK01

INITIAL REVISION:

DRWN: AKONDRACIUK

APPR: MIWASIECZKO

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

**molex**

CSE M12 XP AC FE STR WSOR XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200652251

DOC TYPE

PSD

DOC PART

00P

REVISION

B2

SEE PART LIST

1 OF 2

## F



## D

CA

1

A