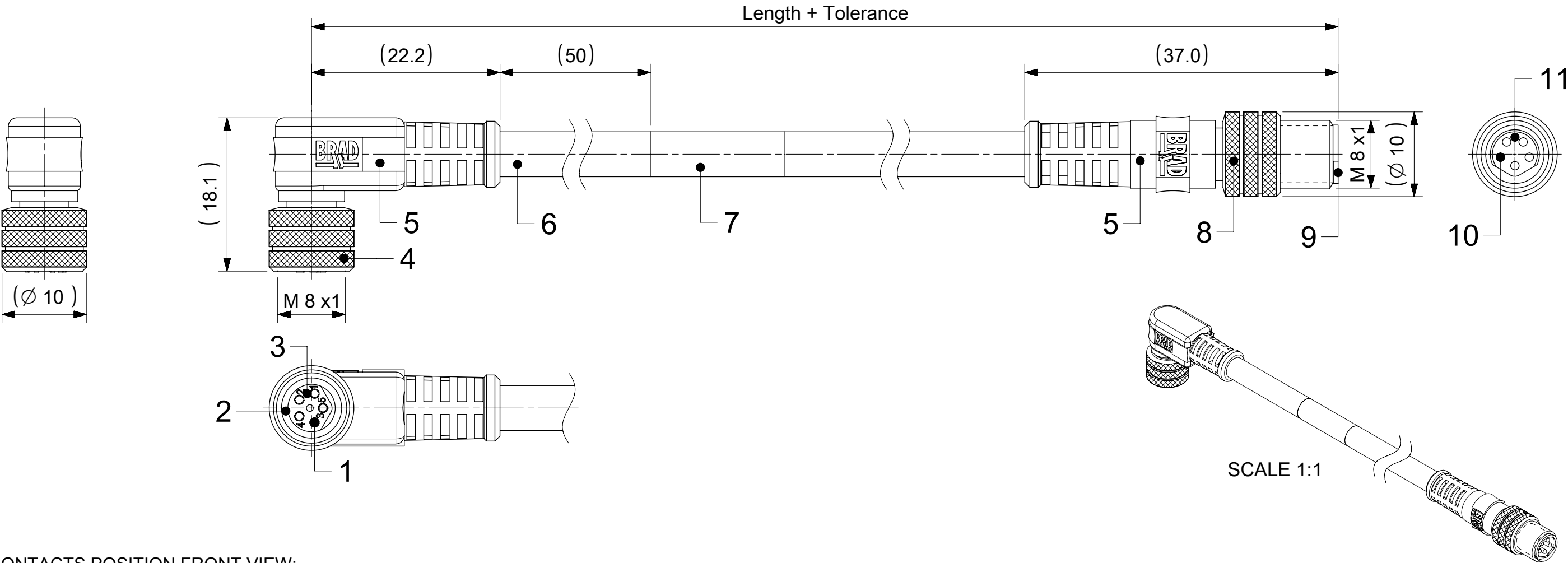


FEMALE PLUG M8 90° ANGLED TO MALE PLUG M8 STRAIGHT



CONTACTS POSITION FRONT VIEW:

|             | 3 CONTACTS |       | 4 CONTACTS |       | 5 CONTACTS |       |
|-------------|------------|-------|------------|-------|------------|-------|
|             | PIN        | WIRE  | PIN        | WIRE  | PIN        | WIRE  |
| FEMALE      | 1          | BROWN | 1          | BROWN | 1          | BROWN |
|             | 3          | BLUE  | 2          | WHITE | 2          | WHITE |
|             | 4          | BLACK | 3          | BLUE  | 3          | BLUE  |
|             |            |       | 4          | BLACK | 4          | BLACK |
| MALE        | 1          | BROWN | 1          | BROWN | 1          | BROWN |
|             | 3          | BLUE  | 2          | WHITE | 2          | WHITE |
|             | 4          | BLACK | 3          | BLUE  | 3          | BLUE  |
|             |            |       | 4          | BLACK | 4          | BLACK |
| CONNECTIONS |            |       |            |       |            |       |
|             |            |       |            |       |            |       |
|             |            |       |            |       |            |       |
|             |            |       |            |       |            |       |

NOTES:

RATED VOLTAGE: 3 contacts 60V AC/DC  
4 and 5 contacts 30V AC/DC

CURRENT RATING: 3, 4, 5 contacts 3A

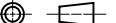
PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +80°C

PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

|      |           |                         |             |                      |
|------|-----------|-------------------------|-------------|----------------------|
| 11   | 1         | INSERT MALE BLACK       | TPU         | ---                  |
| 10   | 3 / 4 / 5 | CONTACT M8 MALE         | BRASS       | SELECTIVE Au OVER Ni |
| 9    | 1         | SLEEVE                  | BRASS       | NICKEL               |
| 8    | 1         | COUPLING NUT M8 MALE    | BRASS       | NICKEL               |
| 7    | 1         | LABEL YELLOW            | VINYL       | ---                  |
|      | -         | PRINTING FOR CABLES lxx | ---         | ---                  |
| 6    | -         | CABLE                   | SEE SHEET 2 | ---                  |
| 5    | -         | OVERMOULDING BLACK      | TPU         | ---                  |
| 4    | 1         | COUPLING NUT M8 FEMALE  | BRASS       | NICKEL               |
| 3    | 1         | INSERT FEMALE BLACK     | TPU         | ---                  |
| 2    | 1         | O-RING RED              | FKM         | ---                  |
| 1    | 3 / 4 / 5 | CONTACT M8 FEMALE       | BRASS       | SELECTIVE Au OVER Ni |
| ITEM | QTY.      | DESCRIPTION             | MATERIAL    | FINISH               |

|                    |                                                                                                                                               |                                                                                       |                     |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--|----------|------------------------------------|---------------|--|-----------------|--|----------|--|--------------|--|
| 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: PACKAGING SPEC ADDED                                                                                                                                                   |                        |  |          | <div>molex</div>                   |               |  |                 |  |          |  |              |  |
|                    | mm                                                                                                                                            |                                                                                       | 2:1                 |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
|                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                                                       | ANGULAR TOL ± 1.0 ° |                          | EC NO: 770174<br>DRWN: RSCHIEBER 2023/11/17<br>CHK'D: RSILLER 2023/11/30<br>APPR: RSILLER 2023/11/30<br><br>INITIAL REVISION:<br>DRWN: JMARSZALEK 2016/10/20<br>APPR: RSILLER 2017/01/11 |                        |  |          | CSE M8 M8 XP AC BC FE RA MA STR XM |               |  |                 |  |          |  |              |  |
| 4 PLACES ±         |                                                                                                                                               |                                                                                       |                     |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
| 3 PLACES ±         |                                                                                                                                               |                                                                                       |                     | PRODUCT CUSTOMER DRAWING |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
| 2 PLACES ± 0.05    |                                                                                                                                               |                                                                                       |                     |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
| 1 PLACE ± 0.3      |                                                                                                                                               |                                                                                       |                     |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |
| 0 PLACES ± 0.5     |                                                                                                                                               |                                                                                       |                     | DOCUMENT NUMBER          |                                                                                                                                                                                          |                        |  | DOC TYPE |                                    | DOC PART      |  | REVISION        |  |          |  |              |  |
|                    |                                                                                                                                               |                                                                                       |                     | 1200878243               |                                                                                                                                                                                          |                        |  | PSD      |                                    | 000           |  | A5              |  |          |  |              |  |
| DIVISIONAL SYMBOLS |                                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                  |                     |                          |                                                                                                                                                                                          | THIRD ANGLE PROJECTION |  | DRAWING  |                                    | SERIES        |  | MATERIAL NUMBER |  | CUSTOMER |  | SHEET NUMBER |  |
|                    |                                                                                                                                               |  |                     |                          |                                                                                                                                                                                          | A3-SIZE                |  | 120087   |                                    | SEE PART LIST |  | GENERAL MARKET  |  | 1 OF 3   |  |              |  |
|                    |                                                                                                                                               |                                                                                       |                     |                          |                                                                                                                                                                                          |                        |  |          |                                    |               |  |                 |  |          |  |              |  |

## F

## E



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## C

B

## A

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|           |     |  |  |   |            |  |  |   |                 |  |  |   |              |  |  |   |     |  |  |   |            |  |  |   |                 |  |  |   |              |  |  |   |     |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|-----------|-----|--|--|---|------------|--|--|---|-----------------|--|--|---|--------------|--|--|---|-----|--|--|---|------------|--|--|---|-----------------|--|--|---|--------------|--|--|---|-----|--|--|---|----------|--|--|--|-----------------|--|--|--|--------------|--|--|--|
| 10        |     |  |  | 9 |            |  |  | 8 |                 |  |  | 7 |              |  |  | 6 |     |  |  | 5 |            |  |  | 4 |                 |  |  | 3 |              |  |  | 2 |     |  |  | 1 |          |  |  |  |                 |  |  |  |              |  |  |  |
| PART LIST |     |  |  |   |            |  |  |   |                 |  |  |   |              |  |  |   |     |  |  |   |            |  |  |   |                 |  |  |   |              |  |  |   |     |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
| F         | No. |  |  |   | Molex PN   |  |  |   | Engineering No. |  |  |   | Cable Length |  |  |   | No. |  |  |   | Molex PN   |  |  |   | Engineering No. |  |  |   | Cable Length |  |  |   | No. |  |  |   | Molex PN |  |  |  | Engineering No. |  |  |  | Cable Length |  |  |  |
|           | 1   |  |  |   | 1200280016 |  |  |   | 443031E02M010   |  |  |   | 1m           |  |  |   | 36  |  |  |   | 1200878367 |  |  |   | 444031E02M030   |  |  |   | 3m           |  |  |   | 71  |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|           | 2   |  |  |   | 1200281220 |  |  |   | 443031P82M003   |  |  |   | 0.3m         |  |  |   | 37  |  |  |   | 1200878368 |  |  |   | 444031E02M050   |  |  |   | 5m           |  |  |   | 72  |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|           | 3   |  |  |   | 1200281221 |  |  |   | 443031P82M006   |  |  |   | 0.6m         |  |  |   | 38  |  |  |   | 1200878369 |  |  |   | 444031E02M100   |  |  |   | 10m          |  |  |   | 73  |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|           | 4   |  |  |   | 1200281283 |  |  |   | 443031E02M005   |  |  |   | 0.5m         |  |  |   | 39  |  |  |   | 1200878370 |  |  |   | 444031P02M003   |  |  |   | 0.3m         |  |  |   | 74  |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|           | 5   |  |  |   | 1200875016 |  |  |   | 443031E02M006   |  |  |   | 0.6m         |  |  |   | 40  |  |  |   | 1200878371 |  |  |   | 444031P02M006   |  |  |   | 0.6m         |  |  |   | 75  |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |
|           | 6   |  |  |   | 1200878128 |  |  |   | 443031H08M020   |  |  |   |              |  |  |   |     |  |  |   |            |  |  |   |                 |  |  |   |              |  |  |   |     |  |  |   |          |  |  |  |                 |  |  |  |              |  |  |  |

| No. | Molex PN   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 36  | 1200878367 | 444031E02M030   | 3m           |
| 37  | 1200878368 | 444031E02M050   | 5m           |
| 38  | 1200878369 | 444031E02M100   | 10m          |
| 39  | 1200878370 | 444031P02M003   | 0.3m         |
| 40  | 1200878371 | 444031P02M006   | 0.6m         |
| 41  | 1200878372 | 444031P02M010   | 1m           |
| 42  | 1200878373 | 444031P02M030   | 3m           |
| 43  | 1200878499 | 443031H08M010   | 1m           |
| 44  | 1200878542 | 443031E02M015Y  | 1.5m         |
| 45  | 1200878554 | 444031H08M006   | 0.6m         |
| 46  | 1200878555 | 444031H08M020   | 2m           |
| 47  | 1200878556 | 444031H08M050   | 5m           |
| 48  | 1200878557 | 443031H08M006   | 0.6m         |
| 49  | 1200878595 | 443031P02M010H  | 1m           |
| 50  | 1200878625 | 443031P82M050   | 5m           |
| 51  | 1200878637 | 443031E02M002   | 0.2m         |
| 52  | 1200878638 | 443031E02M025   | 2.5m         |
| 53  | 1200878639 | 443031E02M065   | 6.5m         |
| 54  | 1200878659 | 443031E02M010H  | 1m           |
| 55  | 1200878660 | 443031E02M005H  | 0.5m         |
| 56  | 1200878664 | 443031E02M020H  | 2m           |
| 57  | 1200878667 | 444031E02M003H  | 0.3m         |
| 58  | 1200878672 | 443031E02M002H  | 0.2m         |
| 59  | 1200878673 | 443031E02M025H  | 2.5m         |
| 60  | 1200878674 | 443031E02M065H  | 6.5m         |
| 61  | 1200878690 | 443031E02M015H  | 1.5m         |
| 62  | 1200878942 | 445031H08M006   | 0.6m         |
| 63  | 1200878943 | 445031H08M010   | 1m           |
| 64  | 1200878944 | 445031H08M020   | 2m           |
| 65  | 1200878945 | 445031H08M050   | 5m           |
| 66  | 1200878948 | 445031E02M010   | 1m           |
| 67  | 1200878949 | 445031E02M020   | 2m           |
| 68  | 1200280400 | 444031P02M020   | 2m           |
| 69  | 1200878979 | 444031H08M030   | 3m           |
| 70  | 1200878981 | 445031H08M030   | 3m           |

| No. | Molex PN | Engineering No. | Cable Length |
|-----|----------|-----------------|--------------|
| 106 |          |                 |              |
| 107 |          |                 |              |
| 108 |          |                 |              |
| 109 |          |                 |              |
| 110 |          |                 |              |
| 111 |          |                 |              |
| 112 |          |                 |              |
| 113 |          |                 |              |
| 114 |          |                 |              |
| 115 |          |                 |              |
| 116 |          |                 |              |
| 117 |          |                 |              |
| 118 |          |                 |              |
| 119 |          |                 |              |
| 120 |          |                 |              |
| 121 |          |                 |              |
| 122 |          |                 |              |
| 123 |          |                 |              |
| 124 |          |                 |              |
| 125 |          |                 |              |
| 126 |          |                 |              |
| 127 |          |                 |              |
| 128 |          |                 |              |
| 129 |          |                 |              |
| 130 |          |                 |              |
| 131 |          |                 |              |
| 132 |          |                 |              |
| 133 |          |                 |              |
| 134 |          |                 |              |
| 135 |          |                 |              |
| 136 |          |                 |              |
| 137 |          |                 |              |
| 138 |          |                 |              |
| 139 |          |                 |              |
| 140 |          |                 |              |

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