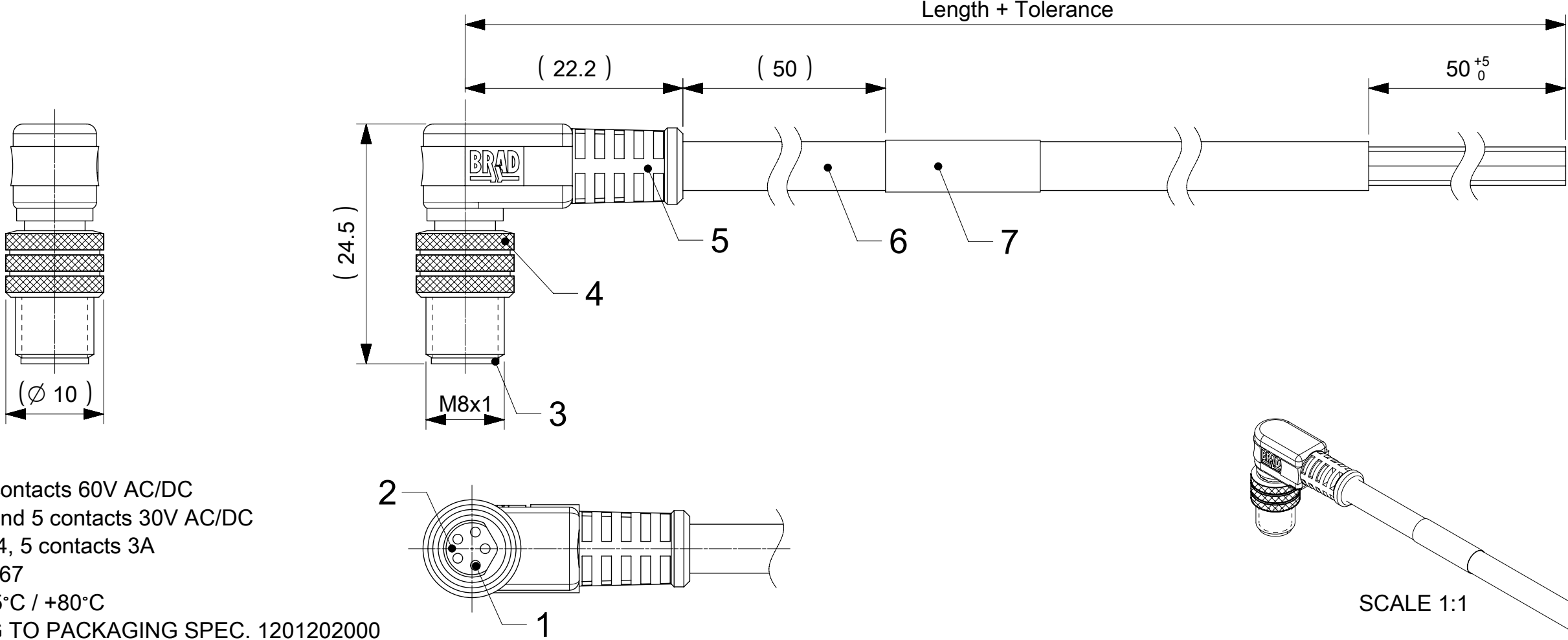


MALE PLUG M8 90° ANGLED



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

CONTACT POSITION FRONT VIEW:

| 3 POLES                             |       | 4 POLES |       | 5 POLES |       |
|-------------------------------------|-------|---------|-------|---------|-------|
|                                     |       |         |       |         |       |
| PIN                                 | WIRE  | PIN     | WIRE  | PIN     | WIRE  |
| 1                                   | BROWN | 1       | BROWN | 1       | BROWN |
| 3                                   | BLUE  | 2       | WHITE | 2       | WHITE |
| 4                                   | BLACK | 3       | BLUE  | 3       | BLUE  |
|                                     |       | 4       | BLACK | 4       | BLACK |
|                                     |       |         |       | 5       | GREY  |
| CODING ACCORDING TO IEC 61076-2-104 |       |         |       |         |       |

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

|      |           |                      |             |                      |
|------|-----------|----------------------|-------------|----------------------|
| 7    | 1         | LABEL OR PRINTING    | VINYL / --- | ---                  |
| 6    | -         | CABLE                | SEE SHEET 2 | ---                  |
| 5    | -         | OVERMOULDING BLACK   | TPU         | ---                  |
| 4    | 1         | COUPLING NUT M8 MALE | BRASS       | NICKEL               |
| 3    | 1         | SLEEVE               | BRASS       | NICKEL               |
| 2    | 1         | INSERT MALE BLACK    | TPU         | ---                  |
| 1    | 3 / 4 / 5 | CONTACT M8 MALE      | BRASS       | SELECTIVE Au OVER Ni |
| ITEM | QTY.      | DESCRIPTION          | MATERIAL    | FINISH               |

|                                                                                                                                               |  |                 |  |                        |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|------------------------|--|----------------------------------------|--|------------|--|------------------|--|----------------|--|--------------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                 |  |                        |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
| FUNCTIONAL SYMBOLS                                                                                                                            |  | DIMENSION UNITS |  | SCALE                  |  | CURRENT REV DESC: PACKAGING SPEC ADDED |  |            |  | <div>molex</div> |  |                |  |              |  |          |  |
| mm                                                                                                                                            |  | 2:1             |  |                        |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                 |  |                        |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
| ANGULAR TOL                                                                                                                                   |  | ± 1.0 °         |  |                        |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
| 4 PLACES                                                                                                                                      |  | ±               |  | EC NO: 770174          |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
| 3 PLACES                                                                                                                                      |  | ±               |  | DRWN: RSCHIEBER        |  |                                        |  | 2023/10/25 |  |                  |  |                |  |              |  |          |  |
| 2 PLACES                                                                                                                                      |  | ± 0.05          |  | CHK'D: RSILLER         |  |                                        |  | 2023/11/30 |  |                  |  |                |  |              |  |          |  |
| 1 PLACE                                                                                                                                       |  | ± 0.3           |  | APPR: RSILLER          |  |                                        |  | 2023/11/30 |  |                  |  |                |  |              |  |          |  |
| 0 PLACES                                                                                                                                      |  | ± 0.5           |  | INITIAL REVISION:      |  |                                        |  |            |  |                  |  |                |  |              |  |          |  |
|                                                                                                                                               |  |                 |  | DRWN: JMARSZALEK       |  |                                        |  | 2016/09/05 |  |                  |  |                |  |              |  |          |  |
|                                                                                                                                               |  |                 |  | APPR: RSILLER          |  |                                        |  | 2016/09/09 |  |                  |  |                |  |              |  |          |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |                 |  | THIRD ANGLE PROJECTION |  | DRAWING                                |  | SERIES     |  | DOCUMENT NUMBER  |  | DOC TYPE       |  | DOC PART     |  | REVISION |  |
|                                                                                                                                               |  |                 |  |                        |  | A3-SIZE                                |  | 120086     |  | 1200868083       |  | PSD            |  | 000          |  | A2       |  |
|                                                                                                                                               |  |                 |  |                        |  |                                        |  |            |  | MATERIAL NUMBER  |  | CUSTOMER       |  | SHEET NUMBER |  |          |  |
|                                                                                                                                               |  |                 |  |                        |  |                                        |  |            |  | SEE PART LIST    |  | GENERAL MARKET |  | 1 OF 3       |  |          |  |

## F

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## D

C

## B

A

1

## PART LIST

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 1   | 1200270106 | 403007E02M020   | 2m           |
| 2   | 1200270483 | 404007E02M020   | 2m           |
| 3   | 1200270811 | 405007P02M005   | 0.5m         |
| 4   | 1200271131 | 404007P02M050   | 5m           |
| 5   | 1200868061 | 405007P02M020   | 2m           |
| 6   | 1200868083 | 405007E02M020   | 2m           |
| 7   | 1200868176 | 405007E02M050   | 5m           |
| 8   | 1200868177 | 405007E02M100   | 10m          |
| 9   | 1200868323 | 403007E02M010   | 1m           |
| 10  | 1200868324 | 403007E02M050   | 5m           |
| 11  | 1200868325 | 403007E02M100   | 10m          |
| 12  | 1200868326 | 403007I02M003   | 0.3m         |
| 13  | 1200868327 | 403007I02M010   | 1m           |
| 14  | 1200868328 | 403007I02M020   | 2m           |
| 15  | 1200868329 | 403007P02M020   | 2m           |
| 16  | 1200868330 | 403007P02M050   | 5m           |
| 17  | 1200868331 | 403007P02M100   | 10m          |
| 18  | 1200868332 | 403007P02M150   | 15m          |
| 19  | 1200868333 | 403007P02M200   | 20m          |
| 20  | 1200868378 | 404007E02M050   | 5m           |
| 21  | 1200868379 | 404007E02M100   | 10m          |
| 22  | 1200868380 | 404007I02M020   | 2m           |
| 23  | 1200868381 | 404007P02M010G  | 1m           |
| 24  | 1200868382 | 404007P02M020   | 2m           |
| 25  | 1200868393 | 403007H08M020   | 2m           |
| 26  | 1200868394 | 404007H08M020   | 2m           |
| 27  | 1200868398 | 405007H08M020   | 2m           |
| 28  | 1200868489 | 404007E02M010   | 1m           |
| 29  | 1200868490 | 403007H08M010   | 1m           |
| 30  | 1200868491 | 403007H08M050   | 5m           |
| 31  | 1200868492 | 403007H08M100   | 10m          |
| 32  | 1200868493 | 404007H08M010   | 1m           |
| 33  | 1200868494 | 404007H08M050   | 5m           |
| 34  | 1200868495 | 404007H08M100   | 10m          |
| 35  | 1200868528 | 403007P02M010   | 1m           |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 36  | 1200868542 | 404007P02M010   | 1m           |
| 37  | 1200868543 | 404007P02M100   | 10m          |
| 38  | 1200868808 | 403007E02M200   | 20m          |
| 39  | 1200868850 | 405007H08M010   | 1m           |
| 40  | 1200868851 | 405007H08M050   | 5m           |
| 41  | 1200868852 | 405007H08M100   | 10m          |
| 42  | 1200868858 | 405007E02M010   | 1m           |
| 43  |            |                 |              |
| 44  |            |                 |              |
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| No. | Part No. | Engineering No. | Cable Length |
|-----|----------|-----------------|--------------|
| 71  |          |                 |              |
| 72  |          |                 |              |
| 73  |          |                 |              |
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| 104 |          |                 |              |
| 105 |          |                 |              |

| No. | Part No. | Engineering No. | Cable Length |
|-----|----------|-----------------|--------------|
| 106 |          |                 |              |
| 107 |          |                 |              |
| 108 |          |                 |              |
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| 140 |          |                 |              |

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|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/11/30 | 13:30:54 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                               |  |                                       |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|----------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------|--|-----------------|--|------------------------------|--|----------------|--|--------------|--|
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| FUNCTIONAL SYMBOLS                                                                                                                            |  | DIMENSION UNITS                       |  | SCALE                                                                      |  | CURRENT REV DESC: PACKAGING SPEC ADDED                                                            |  |                 |  | <div>molex</div>             |  |                |  |              |  |
|                                                                                                                                               |  | mm                                    |  | 1:1                                                                        |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
| <div><div><div><div>A</div><div>=</div><div>0</div></div></div></div>                                                                         |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |                                                                            |  | EC NO: 770174<br>DRWN: RSCHIEBER2023/10/25<br>CHK'D: RSILLER2023/11/30<br>APPR: RSILLER2023/11/30 |  |                 |  | CSE M8 XP AC BC RA PVC XM SE |  |                |  |              |  |
| <div><div><div><div>E</div><div>=</div><div>0</div></div></div></div>                                                                         |  |                                       |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
| <div><div><div><div>F</div><div>=</div><div>0</div></div></div></div>                                                                         |  |                                       |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  |                                       |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
|                                                                                                                                               |  | ANGULAR TOL ± 1.0 °                   |  | INITIAL REVISION:<br>DRWN: JMARSZALEK2016/09/05<br>APPR: RSILLER2016/09/09 |  |                                                                                                   |  | DOCUMENT NUMBER |  | DOC TYPE                     |  | DOC PART       |  | REVISION     |  |
|                                                                                                                                               |  | 4 PLACES ±                            |  |                                                                            |  |                                                                                                   |  | 1200868083      |  | PSD                          |  | 000            |  | A2           |  |
|                                                                                                                                               |  | 3 PLACES ±                            |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
|                                                                                                                                               |  | 2 PLACES ± 0.05                       |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
|                                                                                                                                               |  | 1 PLACE ± 0.3                         |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
|                                                                                                                                               |  | 0 PLACES ± 0.5                        |  |                                                                            |  |                                                                                                   |  |                 |  |                              |  |                |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |                                       |  | THIRD ANGLE PROJECTION                                                     |  | DRAWING                                                                                           |  | SERIES          |  | MATERIAL NUMBER              |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                               |  |                                       |  |                                                                            |  | A3-SIZE                                                                                           |  | 120086          |  | SEE PART LIST                |  | GENERAL MARKET |  | 3 OF 3       |  |