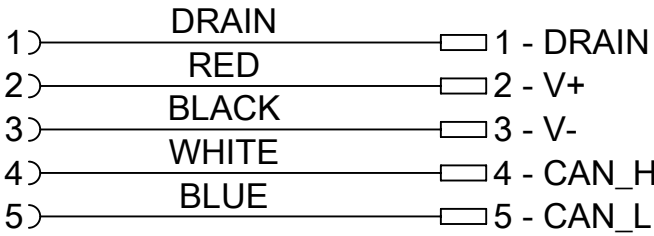


- NOTES:
1. ELECTRICAL:
    - VOLTAGE RATING PER IEC 60664: 300V
    - VOLTAGE RATING PER UL: 300V
    - CURRENT: 8A
  2. TEMP RATING: -25° TO +80°C
  3. PROTECTION: IP67 (WHEN MATED)
  4. COUPLING THREAD" 7/8-16
  5. AGENCY:
    - UL RECOGNIZED, FILE: E152210
    - CSA CERTIFICATION FILE: LR6837
  - 6 ALL DIMS ARE FOR REFERENCE UNLES NOTED OTHERWISE
  7. PART NUMBER WITH "H" HAVE TWO ID MARKERS ONE ON EACH END

WIRING DIAGRAM



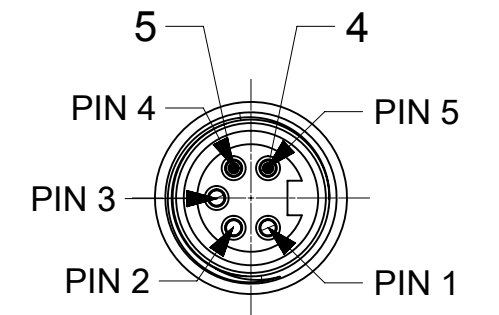
PART No. MATRIX

DN11A-XXXXX

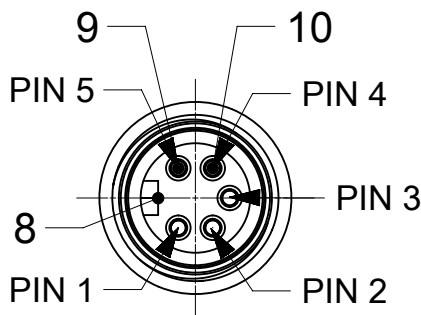
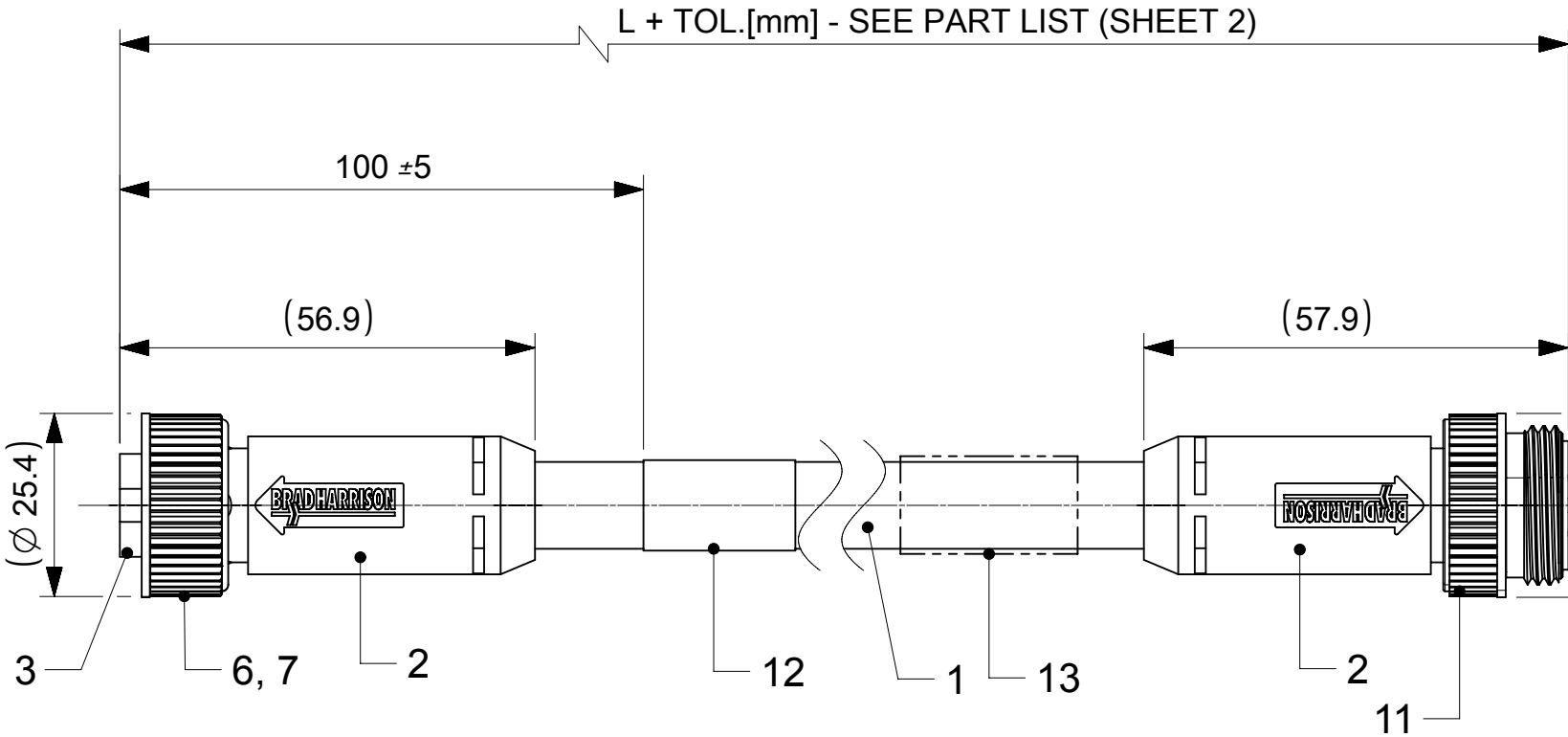
Units:  
M = Meter

Length  
Examples:  
005 = 0.5 m  
010 = 1 m  
050 = 5 m  
100 = 10 m  
150 = 15 m

OPTIONAL:  
H= ID CARRIER



VIEW FROM THE FRONT SIDE



VIEW FROM THE FRONT SIDE

BILL OF MATERIALS

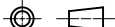
|      |     |                              |          |                     |
|------|-----|------------------------------|----------|---------------------|
| 13   | 2   | ID CARRIER                   | PVC      | -                   |
| 12   | 1   | LABEL WRAP                   | VINYL    | YELLOW              |
| 11   | 1   | COUPLING NUT A-SIZE EXT.     | ZINC     | BLACK               |
| 10   | 2   | PIN CONTACT 16 AWG           | COPPER   | GOLD OVER Ni-PLATED |
| 9    | 3   | PIN CONTACT 18 AWG           | COPPER   | GOLD OVER Ni-PLATED |
| 8    | 1   | HOUSING A-SIZE 5P MALE       | PVC      | GRAY                |
| 7    | 1   | FRICTION RING A-SIZE         | NYLON    | GRAY                |
| 6    | 1   | MC COUPLING NUT A-SIZE       | ZINC     | BLACK               |
| 5    | 2   | MC SOCKET SLEEVE ASSY 16 AWG | COPPER   | GOLD OVER Ni-PLATED |
| 4    | 3   | MC SOCKET SLEEVE ASSY 18 AWG | COPPER   | GOLD OVER Ni-PLATED |
| 3    | 1   | HOUSING A-SIZE 5P FEMALE     | PVC      | GRAY                |
| 2    | -   | MOULDING MATERIAL            | PVC      | GRAY                |
| 1    | -   | TRUNK CABLE 19X30 AWG OD=12  | PVC      | GRAY                |
| ITEM | QTY | DESCRIPTION                  | MATERIAL | FINISH/COLOR        |

| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           | CURRENT REV DESC:                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|         | mm                                                                                                                                            | SCALE 1:1 | <div>EC NO: 604208</div> <div>DRWN: MKOWALCZYK01 2018/09/07</div> <div>CHK'D: MMATLA 2018/09/11</div> <div>APPR: MMATLA 2018/09/11</div> <div>INITIAL REVISION:</div> <div>DRWN: MKOWALCZYK01 2018/09/07</div> <div>APPR: MMATLA 2018/09/11</div> <div>THIRD ANGLE PROJECTION</div> <div>DRAWING A3-SIZE</div> <div>SERIES 130025</div> <div>MATERIAL NUMBER SEE SHEET 2</div> <div>CUSTOMER GENERAL MARKET</div> <div>SHEET NUMBER 1 OF 2</div> |  |  |  |
|         | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | ANGULAR TOL ± °                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | 4 PLACES ±                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | 3 PLACES ±                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | 2 PLACES ± 0.05                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | 1 PLACE ± 0.3                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | 0 PLACES ± 0.5                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|         | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |

## PART LIST

| MOLEX PN   | ENGINEERING NO. | LENGTH + TOL.[mm] |
|------------|-----------------|-------------------|
| 1300240329 | DN11A-M650      | 65000 + 1300      |
| 1300250051 | DN11A-M005      | 500 + 45          |
| 1300250054 | DN11A-M010      | 1000 + 56         |
| 1300250058 | DN11A-M015      | 1500 + 56         |
| 1300250061 | DN11A-M020      | 2000 + 89         |
| 1300250067 | DN11A-M030      | 3000 + 89         |
| 1300250071 | DN11A-M040      | 4000 + 165        |
| 1300250073 | DN11A-M050      | 5000 + 165        |
| 1300250076 | DN11A-M060      | 6000 + 165        |
| 1300250079 | DN11A-M070      | 7000 + 165        |
| 1300250081 | DN11A-M080      | 8000 + 317        |
| 1300250083 | DN11A-M090      | 9000 + 317        |
| 1300250085 | DN11A-M100      | 10000 + 317       |
| 1300250087 | DN11A-M120      | 12000 + 317       |
| 1300250090 | DN11A-M130      | 13000 + 317       |
| 1300250091 | DN11A-M140      | 14000 + 317       |
| 1300250092 | DN11A-M150      | 15000 + 610       |
| 1300250095 | DN11A-M180      | 18000 + 610       |
| 1300250097 | DN11A-M200      | 20000 + 610       |
| 1300250099 | DN11A-M210      | 21000 + 610       |
| 1300250102 | DN11A-M240      | 24000 + 610       |
| 1300250103 | DN11A-M250      | 25000 + 610       |
| 1300250105 | DN11A-M270      | 27000 + 610       |
| 1300250108 | DN11A-M300      | 30000 + 610       |

| MOLEX PN   | ENGINEERING NO. | LENGTH + TOL.[mm] |
|------------|-----------------|-------------------|
| 1300250114 | DN11A-M350      | 35000 + 700       |
| 1300250117 | DN11A-M400      | 40000 + 800       |
| 1300250119 | DN11A-M450      | 45000 + 900       |
| 1300250122 | DN11A-M500      | 50000 + 1000      |
| 1300250128 | DN11A-M750      | 75000 + 1500      |
| 1300250649 | DN11A-M005H     | 500 + 45          |
| 1300250652 | DN11A-M050H     | 5000 + 165        |
| 1300250654 | DN11A-M060H     | 6000 + 165        |

|                                                            |                                                                                                                                               |  |        |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------|--|--------|------------------------------------|-----------------|--|----------------|--|----------|--|--------------|--|
| 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:                                                                                     |         |  |        | <div>molex</div>                   |                 |  |                |  |          |  |              |  |
|                                                            | mm                                                                                                                                            |  | 1:1    |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|                                                            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|                                                            | ANGULAR TOL                                                                                                                                   |  | ± °    |                                                                                       | EC NO: 604208<br>DRWN: MKOWALCZYK01 2018/09/07<br>CHK'D: MMATLA 2018/09/11<br>APPR: MMATLA 2018/09/11 |         |  |        | CSE MC 5P FE STR PVC MA STR 25M DE |                 |  |                |  |          |  |              |  |
|                                                            | 4 PLACES                                                                                                                                      |  | ±      |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|                                                            | 3 PLACES                                                                                                                                      |  | ±      |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|                                                            | 2 PLACES                                                                                                                                      |  | ± 0.05 |                                                                                       | INITIAL REVISION:<br>DRWN: MKOWALCZYK01 2018/09/07<br>APPR: MMATLA 2018/09/11                         |         |  |        | PRODUCT CUSTOMER DRAWING           |                 |  |                |  |          |  |              |  |
|                                                            | 1 PLACE                                                                                                                                       |  | ± 0.3  |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
|                                                            | 0 PLACES                                                                                                                                      |  | ± 0.5  |                                                                                       |                                                                                                       |         |  |        |                                    |                 |  |                |  |          |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               |  |        | THIRD ANGLE PROJECTION                                                                |                                                                                                       | DRAWING |  | SERIES |                                    | DOCUMENT NUMBER |  | DOC TYPE       |  | DOC PART |  | REVISION     |  |
|                                                            |                                                                                                                                               |  |        |  |                                                                                                       | A4-SIZE |  | 130025 |                                    | 1300250051      |  | PSD            |  | 000      |  | A            |  |
|                                                            |                                                                                                                                               |  |        |  |                                                                                                       |         |  |        |                                    | MATERIAL NUMBER |  | CUSTOMER       |  |          |  | SHEET NUMBER |  |
|                                                            |                                                                                                                                               |  |        |                                                                                       |                                                                                                       |         |  |        |                                    | SEE PART LIST   |  | GENERAL MARKET |  |          |  | 2 OF 2       |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/09/11 | 07:18:45 |
|-----------------|----|--------------|------------|----------|



## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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