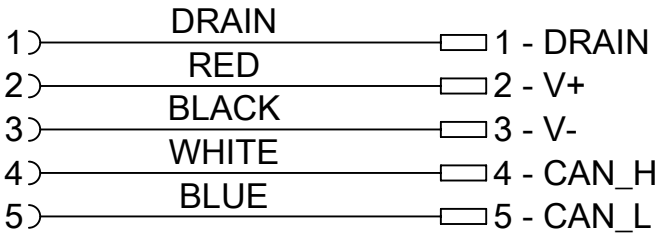


- NOTES:
1. ELECTRICAL:
    - VOLTAGE RATING PER IEC 60664: 300V
    - VOLTAGE RATING PER UL: 300V
    - CURRENT: 8A
  2. TEMP RATING: -25° TO +60°C
  3. PROTECTION: IP67 (WHEN MATED)
  4. COUPLING THREAD" 7/8-16
  5. AGENCY:
    - UL RECOGNIZED, FILE: E152210
    - CSA CERTIFICATION FILE: LR6837
  - 6 ALL DIMS ARE FOR REFERENCE UNLES NOTED OTHERWISE
  7. PART NUMBERS WITH "H" HAVE TWO ID MARKERS ONE ON EACH END

WIRING DIAGRAM



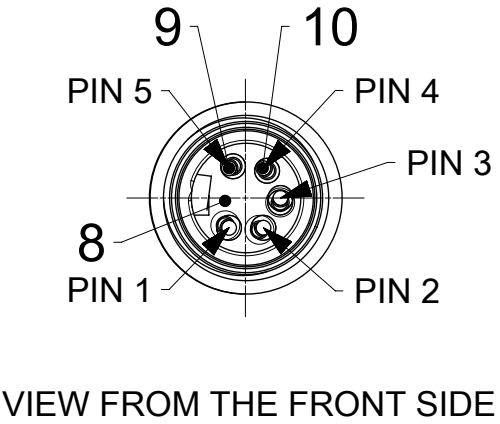
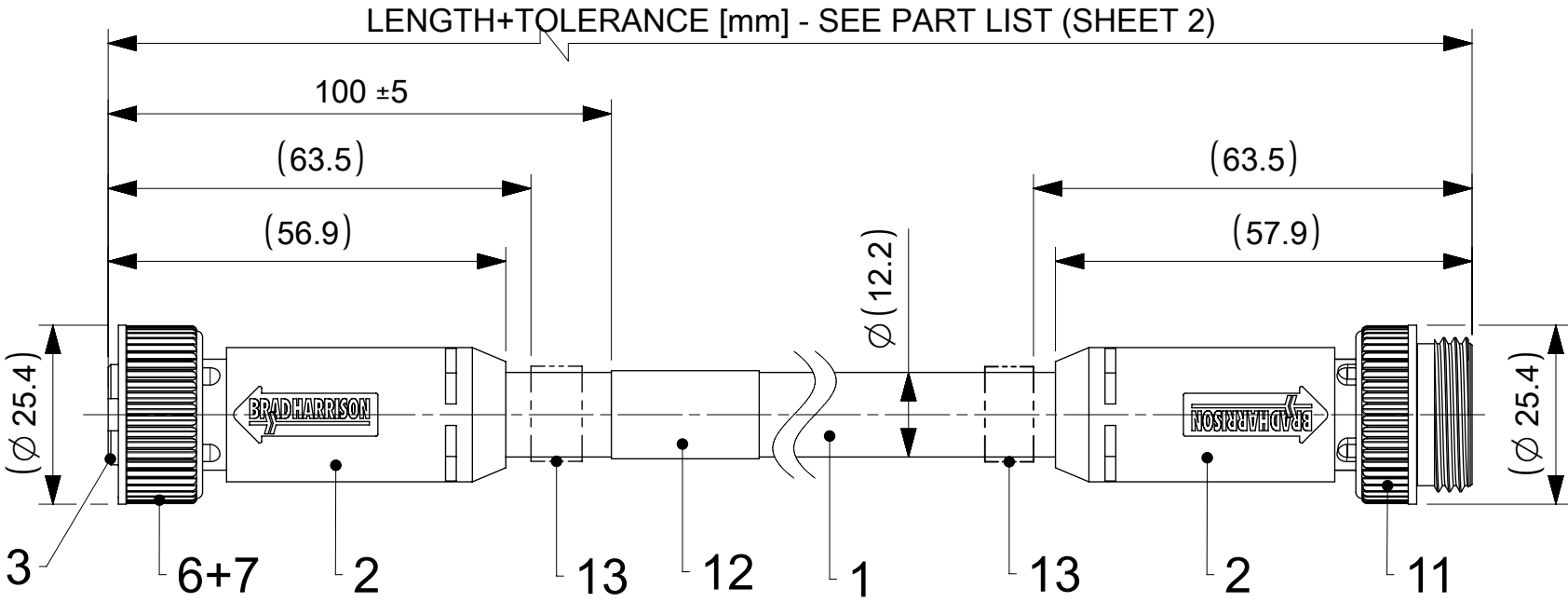
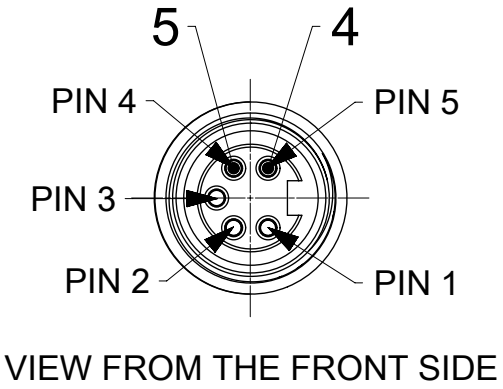
PART No. MATRIX

DN11A-XXXXX

Units:  
M = Meter  
T= over  
100 Meter

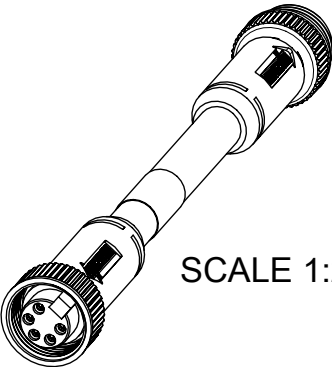
Length  
Examples:  
005 = 0.5 m  
010 = 1 m  
050 = 5 m  
100 = 10 m  
150 = 15 m

OPTIONAL:  
H= ID CARRIER



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       | ARNITEL    | BLACK               |
| 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     | ARNITEL    | BLACK               |
| 2               | -   | MOULDING MATERIAL            | ARNITEL    | BLACK               |
| 1               | -   | TRUNK CABLE 19X30 AWG OD=12  | PVC        | GRAY                |
| ITEM            | QTY | DESCRIPTION                  | MATERIAL   | FINISH/COLOR        |
| DOCUMENT STATUS | P1  | RELEASE DATE                 | 2022/02/15 | 09:19:21            |



|                                                                     |                                                                                                                                               |              |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 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 |              |
|                                                                     | DIMENSION UNITS<br>mm                                                                                                                         | SCALE<br>1:1 |
|                                                                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |              |
|                                                                     | ANGULAR TOL ± 1.0 °                                                                                                                           |              |
|                                                                     | 4 PLACES ±                                                                                                                                    |              |
| 3 PLACES ±                                                          |                                                                                                                                               |              |
| 2 PLACES ± 0.05                                                     |                                                                                                                                               |              |
| 1 PLACE ± 0.3                                                       |                                                                                                                                               |              |
| 0 PLACES ± 0.5                                                      |                                                                                                                                               |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                |                                                                                                                                               |              |
| THIRD ANGLE PROJECTION                                              |                                                                                                                                               |              |
| DRAWING<br>A3-SIZE                                                  |                                                                                                                                               |              |
| SERIES<br>130025                                                    |                                                                                                                                               |              |
| MATERIAL NUMBER<br>SEE SHEET 2                                      |                                                                                                                                               |              |
| CUSTOMER<br>GENERAL MARKET                                          |                                                                                                                                               |              |
| SHEET NUMBER<br>1 OF 2                                              |                                                                                                                                               |              |

CURRENT REV DESC: PIN'S ADDED,NOTES UPDATED

EC NO: 695738  
DRWN: RSCHIEBER  
CHK'D: RSILLER  
APPR: RSILLER

2022/02/14  
2022/02/15  
2022/02/15

INITIAL REVISION:  
DRWN: MKOWALCZYK01  
APPR: MMATLA

2018/09/07  
2018/09/11

molex

CSE MC 5P FE STR PVC MA STR 25M DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
1300250051

DOC TYPE  
PSD

DOC PART  
000

REVISION  
B1

