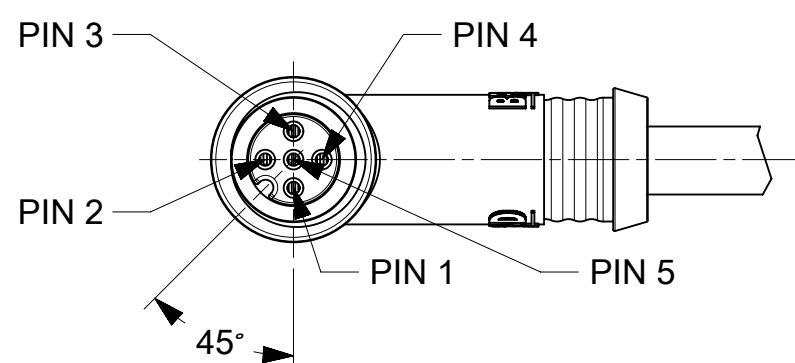
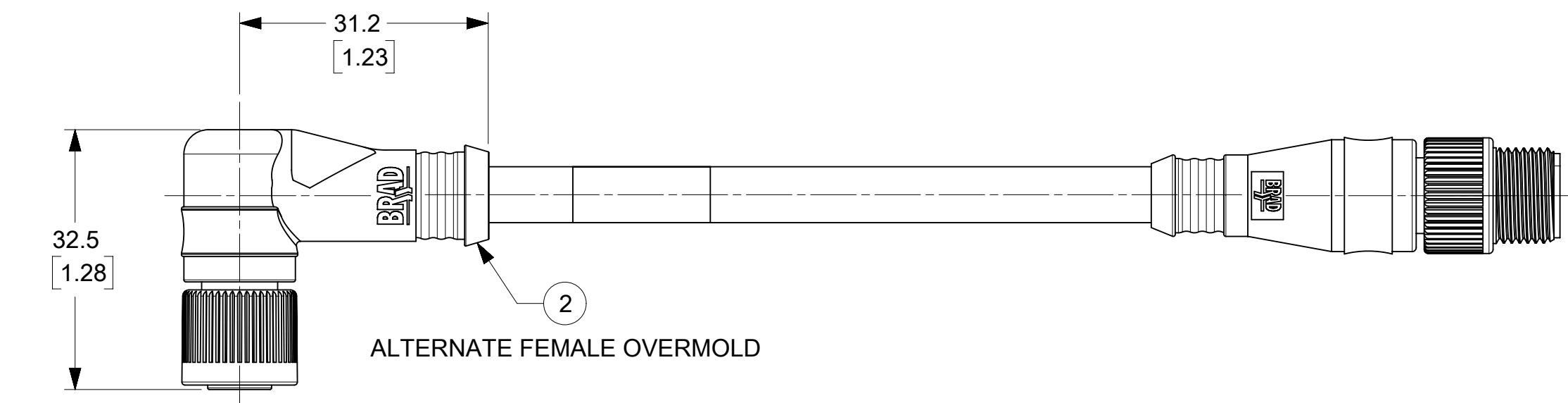
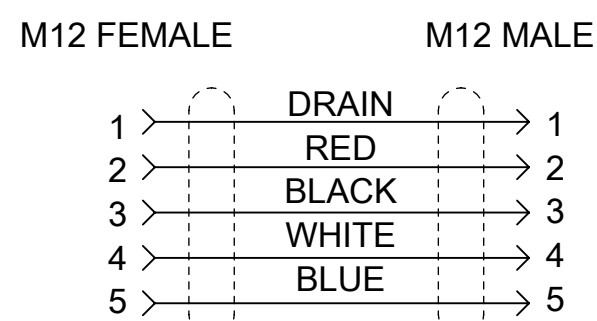
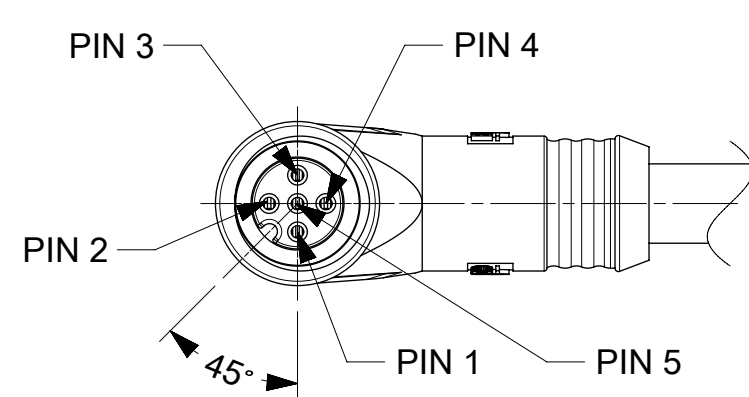
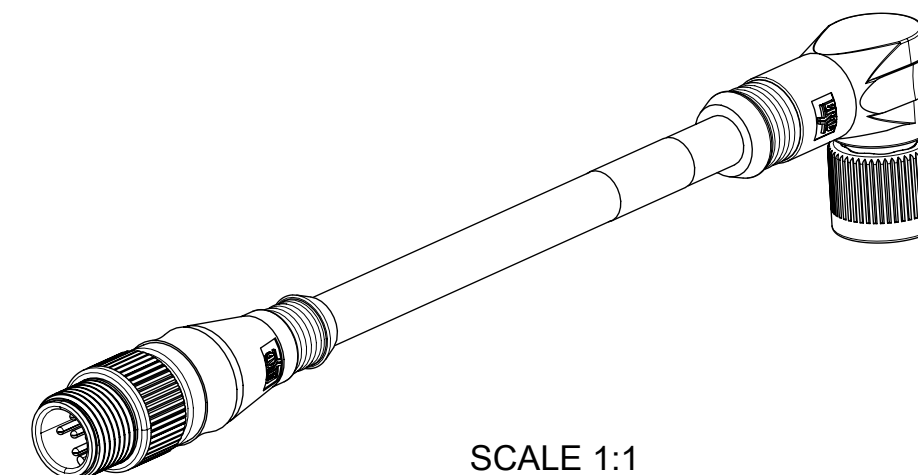
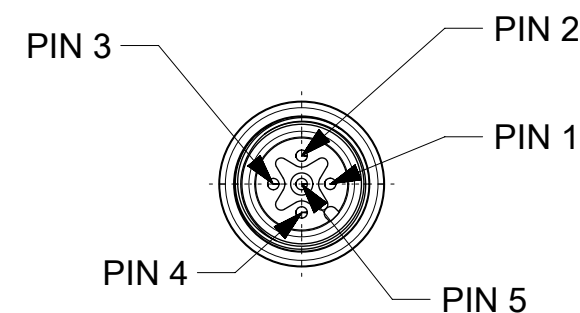
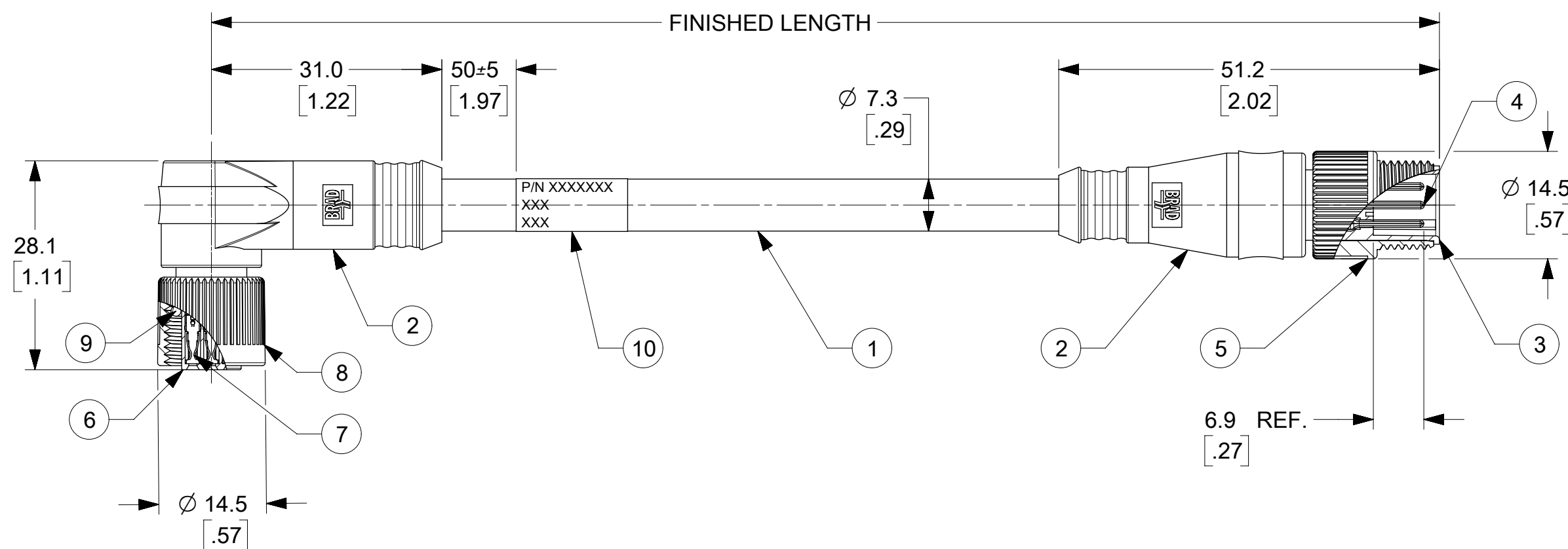




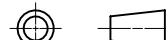
**CABLE LENGTH TOLERANCES**  
 <.3M [1FT]: +19mm-0 [+ .75in-0]  
 .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]  
 .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]  
 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]  
 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]  
 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]  
 14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]  
 OVER 30M [100FT] +2% OF FINISHED LENGTH

| FINISHED LENGTH |                |               |
|-----------------|----------------|---------------|
| MOLEX PN        | ENGINEERING NO | LENGTH M [FT] |
| 1300280003      | DND32A-M006    | 0.6 [1.97]    |
| 1300280080      | DND32A-M002    | 0.2 [.66]     |
| 1300280081      | DND32A-M003    | 0.3 [.98]     |
| 1300280082      | DND32A-M004    | 0.4 [1.31]    |
| 1300280083      | DND32A-M005    | 0.5 [1.64]    |
| 1300280084      | DND32A-M007    | 0.7 [2.30]    |
| 1300280085      | DND32A-M010    | 1.0 [3.28]    |
| 1300280086      | DND32A-M015    | 1.5 [4.92]    |
| 1300280088      | DND32A-M025    | 2.5 [8.20]    |
| 1300280089      | DND32A-M030    | 3.0 [9.84]    |
| 1300280091      | DND32A-M050    | 5.0 [16.4]    |

|      |                                      |               |              |
|------|--------------------------------------|---------------|--------------|
| 10   | WRAP LABEL                           | VINYL         | YELLOW       |
| 9    | O-RING                               | FPM (VITON)   | RED          |
| 8    | COUPLING NUT FEMALE M12              | ZINC DIE CAST | BLACK E-COAT |
| 7    | CONTACT FEMALE                       | Cu ALLOY      | GOLD PLATED  |
| 6    | INSERT M12 5P FEMALE                 | NYLON         | BLACK        |
| 5    | COUPLING NUT MALE M12                | ZINC DIE CAST | BLACK E-COAT |
| 4    | CONTACT PIN                          | Cu ALLOY      | GOLD PLATED  |
| 3    | INSERT M12 5P MALE AC KEY            | NYLON         | BLACK        |
| 2    | OVERMOLDS                            | TPC           | GRAY         |
| 1    | DEV-NET DROP CABLE 4x0.34mm² (22AWG) | PVC JACKET    | GRAY         |
| ITEM | DESCRIPTION                          | MATERIAL      | FINISH/COLOR |

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:  
VOLTAGE: 60V AC/DC (C)  
CURRENT: 4A
4. TEMP RATING: -20°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1.0
7. UL LISTED FILE: E152210  
CANADIAN LISTED FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS  
TOLERANCED OR NOTED OTHERWISE

|                                                      |                                                                                                                                               |          |       |                                                                                       |                                                                                         |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------|-----------------|------------------|----------------------------------------------------------------|--------------|---|----------|----------|
| 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: CHANGE VOLTAGE RATING, FROM 250V TO 60V. ITEM-5 & 8 MATERIAL UPDATED. |                                                                                                           |        |                 | <div>molex</div> |                                                                |              |   |          |          |
|                                                      | MM/INCH                                                                                                                                       |          | 1.5:1 |                                                                                       |                                                                                         |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |          |       |                                                                                       |                                                                                         |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      |                                                                                                                                               | MM       | INCH  |                                                                                       |                                                                                         |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      | $F_A = 0$                                                                                                                                     | 4 PLACES |       | ±                                                                                     | ±                                                                                       | EC NO: 791028<br>DRWN: ABENJAMINLW 2024/06/02<br>CHK'D: LESPINOZA 2024/07/08<br>APPR: BWOODMAN 2024/09/19 |        |                 |                  | MICRO-CHANGE EXT CORD DEV-NET DROP<br>MALE90/FEMALE STR, 22AWG |              |   |          |          |
|                                                      | $F_C = 0$                                                                                                                                     | 3 PLACES |       | ±                                                                                     | ±                                                                                       |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      | $F_D = 0$                                                                                                                                     | 2 PLACES |       | ±                                                                                     | ±                                                                                       |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      | 1 PLACE                                                                                                                                       |          | ±     | ±                                                                                     |                                                                                         |                                                                                                           |        |                 |                  |                                                                |              |   |          |          |
|                                                      | DIVISIONAL SYMBOLS                                                                                                                            | 0 PLACES |       | ±                                                                                     | ±                                                                                       | INITIAL REVISION:                                                                                         |        |                 |                  | DOCUMENT NUMBER                                                |              |   | DOC TYPE | DOC PART |
| ANGULAR TOL                                          |                                                                                                                                               | ±        | °     | 1300280080                                                                            |                                                                                         |                                                                                                           |        |                 |                  | PSD                                                            | 000          | C |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |          |       | THIRD ANGLE PROJECTION                                                                |                                                                                         | DRAWING                                                                                                   | SERIES | MATERIAL NUMBER | CUSTOMER         |                                                                | SHEET NUMBER |   |          |          |
|                                                      |                                                                                                                                               |          |       |  |                                                                                         | C-SIZE                                                                                                    | 130028 | SEE P/N CHART   | GENERAL MARKET   |                                                                | 1 OF 1       |   |          |          |