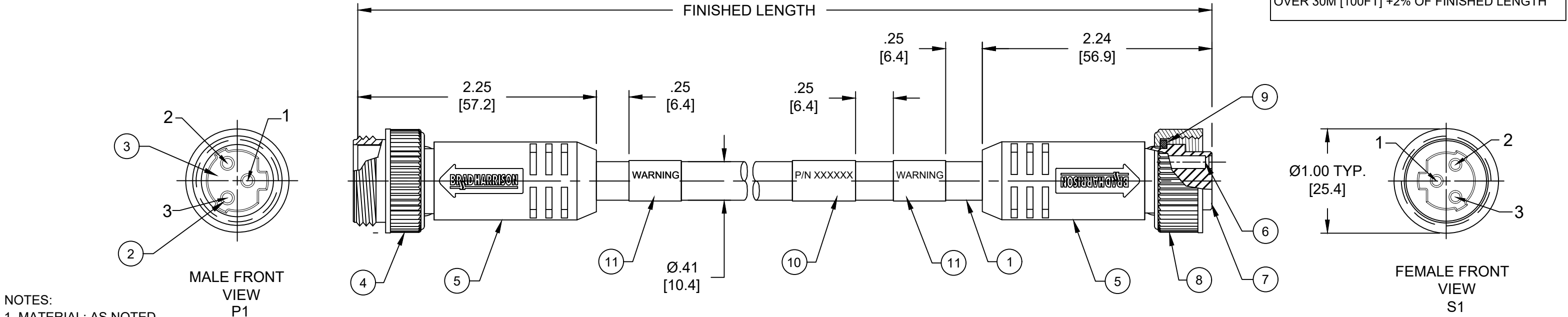


| PART NO    | ENGINEERING NO. | FINISHED LENGTH  |
|------------|-----------------|------------------|
| 1300102099 | 113130K13M300   | 30M [98FT 5 IN]  |
| 1300102225 | 113130K13M750   | 75M [246FT 1 IN] |

|                                                  |
|--------------------------------------------------|
| 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          |



- NOTES:
- 1. MATERIAL: AS NOTED
  - 2. FINISH: AS NOTED
  - 3. ELECTRICAL:
    - VOLTAGE: 500V PER IEC60664
    - 600V PER UL2237
    - CURRENT: 13A
  - 4. TEMP RATING: -20°TO +90°C
  - 5. PROTECTION: IP67 (WHEN MATED)
  - 6. COUPLING THREAD: 7/8-16UN
  - 7. UL LISTED FILE: E258922
  - 8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

## PART NO. LEGEND

# 113130K13M010

FINISHED LENGTH  
M005 = 0.5 METER  
M010 = 1 METER  
M100 = 10 METER

### WIRING DIAGRAM

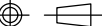
| P1 |              | S1 |
|----|--------------|----|
| 1  | GREEN/YELLOW | 1  |
| 2  | BLACK        | 2  |
| 3  | WHITE        | 3  |

| 11   | WARNING LABEL        | VINYL         | BLACK/ORANGE |
|------|----------------------|---------------|--------------|
| 10   | WRAP LABEL           | VINYL         | BLACK/YELLOW |
| 9    | FRICTION RING        | NYLON         | WHITE        |
| 8    | FEMALE COUPLING NUT  | ZINC DIE-CAST | BLACK E-COAT |
| 7    | 3P FEMALE INSERT     | TPE           | BLACK        |
| 6    | CONTACT SOCKET       | COPPER ALLOY  | GOLD PLATED  |
| 5    | OVER MOLD            | TPE           | BLACK        |
| 4    | MALE COUPLING NUT    | ZINC DIE-CAST | BLACK E-COAT |
| 3    | 3P MALE INSERT       | TPE           | BLACK        |
| 2    | CONTACT PIN          | COPPER ALLOY  | GOLD PLATED  |
| 1    | CABLE 16/3 (HI FLEX) | TPE JACKET    | YELLOW       |
| ITEM | DESCRIPTION          | MATERIAL      | FINISH       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/10/16 | 19:09:24 |
|-----------------|----|--------------|------------|----------|

### CABLE FLEX CHARACTERISTICS:

|                      |                                    |
|----------------------|------------------------------------|
| TORSIONAL FLEX TEST  | 20 MILLION CYCLES PER MIL-C-13777G |
| BEND FLEX TEST       | 20 MILLION CYCLES PER MIL-C-13777G |
| WELD SLAG RESISTANCE | WOODHEAD STANDARD S-300            |

|                                                                                                                                               |  |       |       |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|-------|-----------------------------------------------------------------------------------------------|--|----------|--|------------------|--|-----------------|--|----------------|--|--------------|--|
| 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: REMOVED OBSOLETE PART<br>NUMBER AS PER PCN #517104                          |  |          |  | <div>molex</div> |  |                 |  |                |  |              |  |
| INCH/MM                                                                                                                                       |  | 1:1   |       |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |       | BRAD POWER A-SIZE<br><br>3 POLE, MALE-FEMALE, STRAIGHT TRI-KEY, 16<br>AWG, TPE HI-FLEX        |  |          |  |                  |  |                 |  |                |  |              |  |
|                                                                                                                                               |  |       |       |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
|                                                                                                                                               |  | mm    | INCH  | EC NO: 836953<br><br>DRWN: PRANAA 2025/10/10<br>CHK'D: GGA 2025/10/16<br>APPR: GGA 2025/10/16 |  |          |  |                  |  |                 |  |                |  |              |  |
| 4 PLACES                                                                                                                                      |  | ±---- | ±---- |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
| 3 PLACES                                                                                                                                      |  | ±---- | ±---- | PRODUCT CUSTOMER DRAWING                                                                      |  |          |  |                  |  |                 |  |                |  |              |  |
| 2 PLACES                                                                                                                                      |  | ±---- | ±---- |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
| 1 PLACE                                                                                                                                       |  | ±---- | ±---- | DOCUMENT NUMBER                                                                               |  | DOC TYPE |  | DOC PART         |  | REVISION        |  |                |  |              |  |
| 0 PLACES                                                                                                                                      |  | ±---- | ±---- |                                                                                               |  |          |  |                  |  |                 |  |                |  |              |  |
| ANGULAR TOL ± ---- °                                                                                                                          |  |       |       | SD-130010-037                                                                                 |  | PSD      |  | 001              |  | D2              |  |                |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |       | THIRD ANGLE PROJECTION                                                                        |  | DRAWING  |  | SERIES           |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                               |  |       |       |          |  | B-SIZE   |  | 130010           |  | SEE TABLE       |  | GENERAL MARKET |  | 1 OF 1       |  |