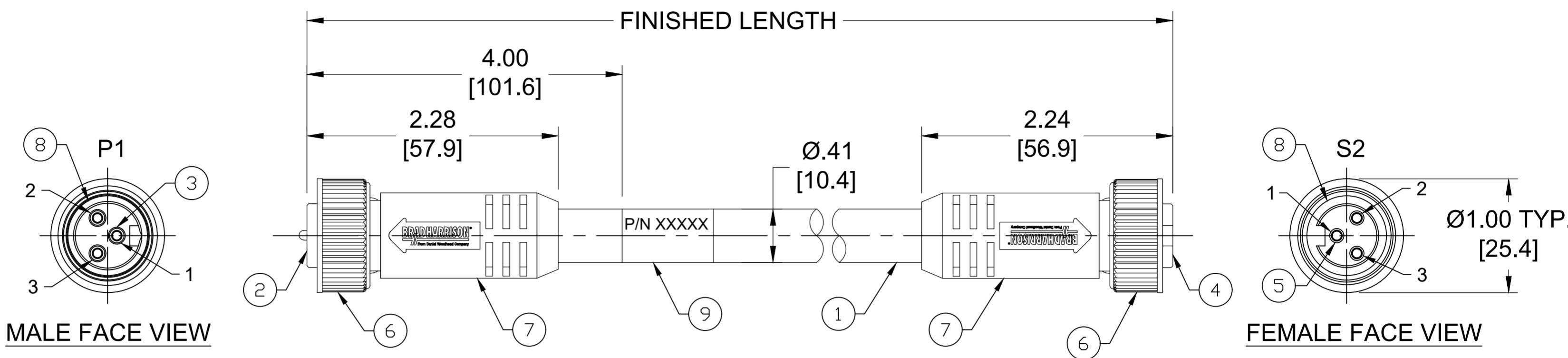
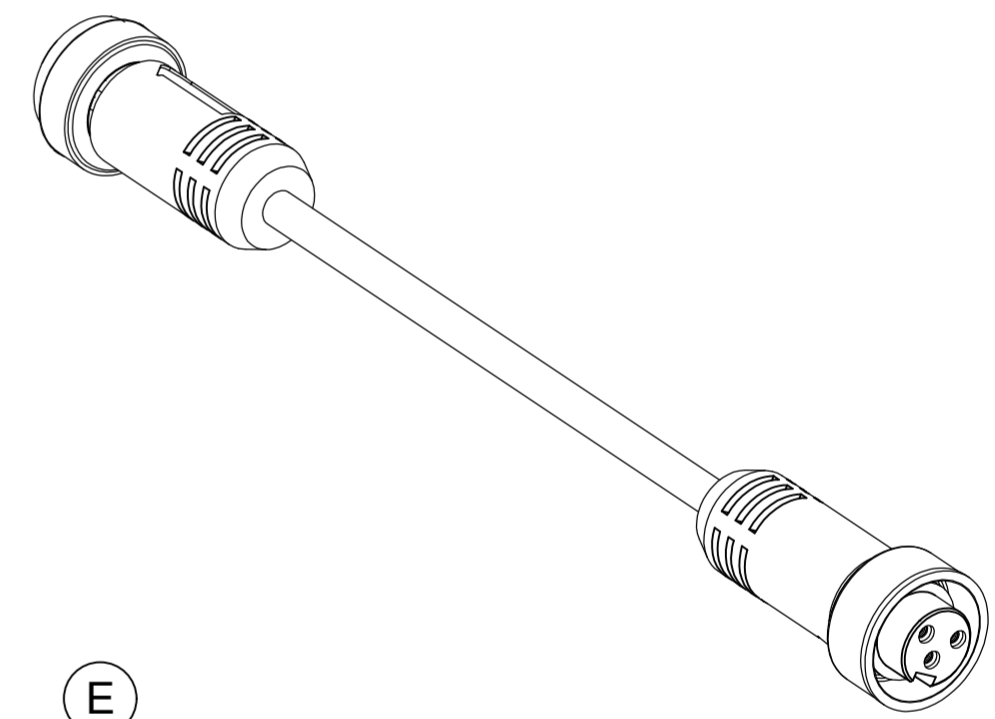


| PART NO | ENGINEERING NO. | FINISHED LENGTH |
|------------|-----------------|-----------------|
| 1300100210 | 113020A01F010 | 1FT [0.3M] |
| 1300100233 | 113020A01F150 | 15FT [4M 22 IN] |
| 1300100245 | 113020A01F300 | 30FT [9M 6 IN] |



- NOTES:**
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
 - VOLTAGE: 500V PER IEC60664
 - 600V PER UL2238
 - CURRENT: 13A
 - TEMP RATING: -20° TO +105°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8"-16UN
 - UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND
113020A01F010
 FINISHED LENGTH
 F010 = 1 FEET
 F100 = 10 FEET
 F300 = 30 FEET



| ITEM | COMPONENT | MATERIAL | FINISH |
|------|-------------------------|---------------|------------------|
| 9 | WRAP LABEL | VINYL | BLACK/YELLOW |
| 8 | FRICITION RING | NYLON | WHITE |
| 7 | OVERMOLD | TPE | YELLOW |
| 6 | COUPLING NUT | ZINC DIE CAST | BLACK E-COATED |
| 5 | CONTACT SOCKET | COPPER ALLOY | GOLD OVER NICKEL |
| 4 | FEMALE INSERT | TPE | YELLOW |
| 3 | CONTACT PIN | COPPER ALLOY | GOLD OVER NICKEL |
| 2 | MALE INSERT | TPE | YELLOW |
| 1 | CABLE- 16AWG, ST00W, ST | PVC | YELLOW |

| P1 | | S2 |
|----|--------------|----|
| 1 | GREEN-YELLOW | 1 |
| 2 | BLACK | 2 |
| 3 | WHITE | 3 |

WIRING DIAGRAM

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 |

| | | | |
|--|---|---|--|
| FUNCTIONAL SYMBOLS FA=0 EC=0 EP=0 DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: INCH/MM SCALE: NTS CURRENT REV DESC: INSERT & OVERMOLD WERE PVC. ADDED #8 FRICTION RING, IEC VOLTAGE, PN LEGEND & TOL CHART. MODIFIED PN CHART GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- 0 PLACES ±--- ±--- ANGULAR TOL ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | EC NO: 702709 DRWN: ABENJAMINLW 2021/05/24 CHK'D: RSTONE 2022/04/11 APPR: BWOODMAN 2022/04/16 INITIAL REVISION: DRWN: BWOODMAN 2009/03/30 APPR: JFMURPHY 2009/04/08 | |
| | MINI-CHANGE CORDSET, A-SIZE 3-POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #16 AWG | | |
| | PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-130010-002 DOC TYPE/DOC PART/REVISION: PSD 001 E | | |
| | MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1 | THIRD ANGLE PROJECTION DRAWING: C-SIZE SERIES: 130010 | |