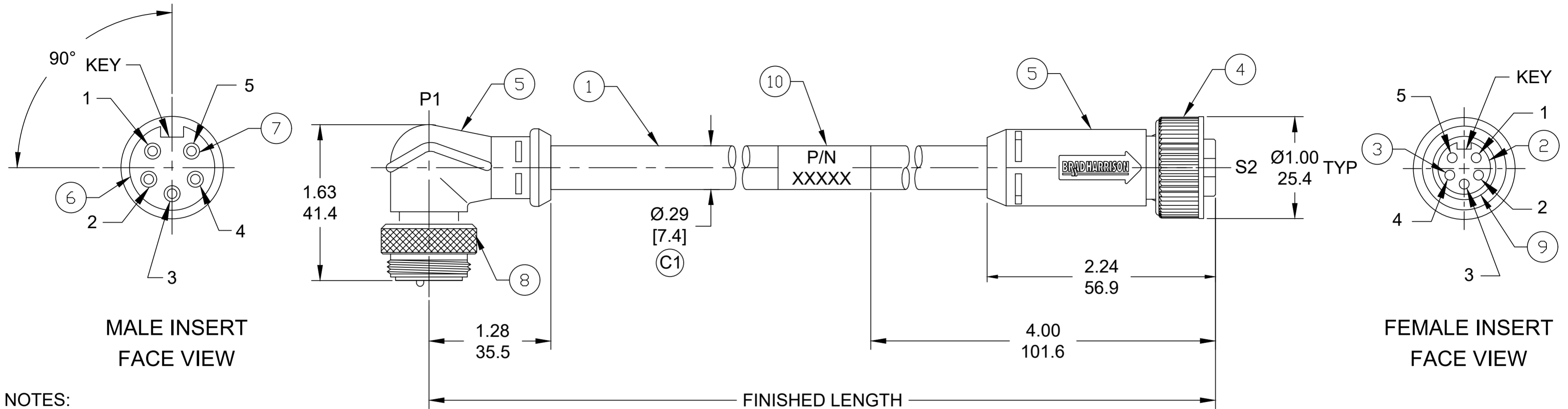


| PART NO | ENGINEERING NO. | FINISHED LENGTH |
|------------|-----------------|-------------------|
| 1300250616 | DND19A-M002 | 0.2M [8 IN] |
| 1300250623 | DND19A-M150 | 15M [49FT 2 IN] |
| 1300250625 | DND19A-M300 | 30M [98FT 5 IN] |



NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE RATING PER IEC 60664: 300V
VOLTAGE RATING PER UL: 300V
CURRENT RATING: 4A
- TEMP RATING: -20° TO +80°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

DND19A-M010
 FINISHED LENGTH:
 M005= 0.5 METER
 M010= 1 METER
 M100= 10 METER

| P1 | | S2 |
|----|-------|----|
| 1 | DRAIN | 1 |
| 2 | RED | 2 |
| 3 | BLACK | 3 |
| 4 | WHITE | 4 |
| 5 | BLUE | 5 |

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 |

| 10 | WRAP LABEL | VINYL | BLACK/YELLOW |
|------|-------------------------------|---------------|------------------|
| 9 | FRICTION RING | NYLON | WHITE (C1) |
| 8 | COUPLING NUT, MALE THREAD | ZINC DIE-CAST | BLACK |
| 7 | CONTACT PIN | COPPER ALLOY | GOLD OVER NICKEL |
| 6 | MALE INSERT | TPE | BLACK (C1) |
| 5 | OVERMOLDS | TPE | GRAY |
| 4 | COUPLING NUT, FEMALE THREAD | ZINC DIE-CAST | BLACK |
| 3 | CONTACT SOCKET | COPPER ALLOY | GOLD OVER NICKEL |
| 2 | FEMALE INSERT | TPE | BLACK (C1) |
| 1 | CABLE - THIN STD DEV-NET 4/22 | PVC JACKET | GRAY |
| ITEM | DESCRIPTION | MATERIAL | FINISH |

| | | | | |
|--|---|------------------------|---|----------------------------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: ADDED ITEM-9. INSERTS FINISH CHANGED FROM GRAY TO BLACK. ADDED CABLE DIA. | |
| | DIMENSION UNITS | SCALE | EC NO: 720800 | |
| FA=0 | INCH/MM | NTS | DRWN: ABENJAMINLW | 2022/07/18 |
| FC=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | CHK'D: RSTONE | 2022/09/09 |
| DIVISIONAL SYMBOLS | mm | INCH | APPR: BWOODMAN | 2022/09/09 |
| | 4 PLACES ±---- | ±---- | INITIAL REVISION: | |
| ANGULAR TOL ± ---- ° | 3 PLACES ±---- | ±---- | DRWN: GGUSTAFS | 2013/08/28 |
| | 2 PLACES ±---- | ±---- | APPR: BWOODMAN | 2013/10/07 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES |
| | | | C-SIZE | 130025 |
| DOCUMENT STATUS | | RELEASE DATE | DOCUMENT NUMBER | |
| P1 | 2022/09/09 18:08:02 | SD-130025-025 | | DOC TYPE/DOC PART/REVISION |
| | | SEE CHART | GENERAL MARKET | PSD 001 C1 |
| | | MATERIAL NUMBER | | SHEET NUMBER |
| | | | | 1 OF 1 |