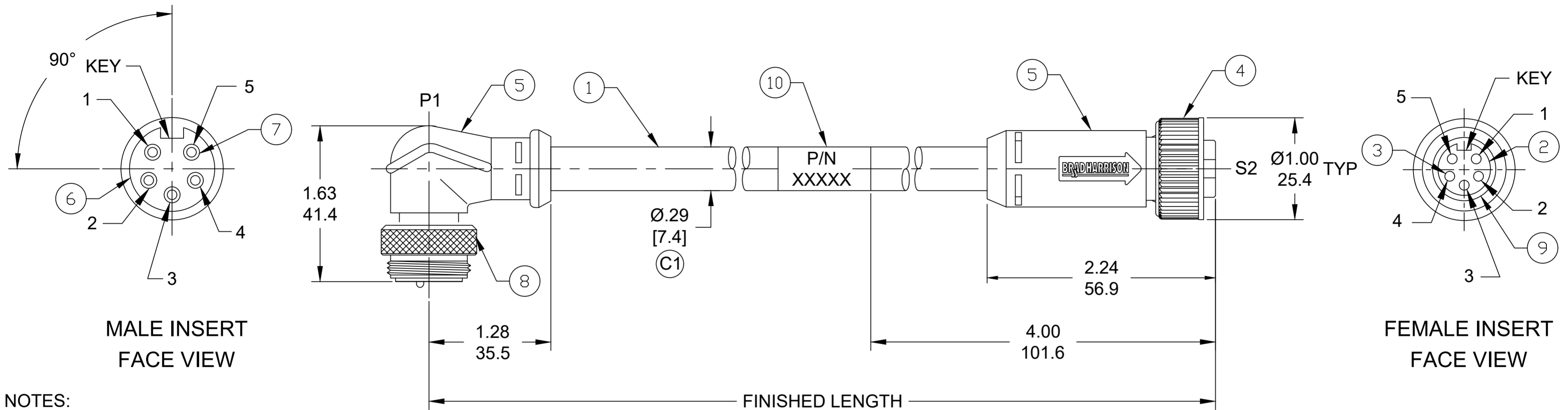


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300250616	DND19A-M002	0.2M [ 8 IN ]
1300250623	DND19A-M150	15M [ 49FT 2 IN ]
1300250625	DND19A-M300	30M [ 98FT 5 IN ]



**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

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

ITEM	DESCRIPTION	MATERIAL	FINISH
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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

**FUNCTIONAL SYMBOLS**  
 FA=0  
 EC=0  
 EP=0

**DIVISIONAL SYMBOLS**

DIMENSION UNITS	SCALE
INCH/MM	NTS

**GENERAL TOLERANCES (UNLESS SPECIFIED)**

PLACES	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----

ANGULAR TOL ± ---- °  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: C-SIZE

SERIES: 130025

CURRENT REV DESC: ADDED ITEM-9. INSERTS FINISH CHANGED FROM GRAY TO BLACK. ADDED CABLE DIA.

EC NO: 720800  
 DRWN: ABENJAMINLW 2022/07/18  
 CHK'D: RSTONE 2022/09/09  
 APPR: BWOODMAN 2022/09/09

INITIAL REVISION:  
 DRWN: GGUSTAFS 2013/08/28  
 APPR: BWOODMAN 2013/10/07

**molex**

MINI-CHANGE DEVICENET, A-SIZE,  
 5 POLE, 90 DEGREE MALE-STRAIGHT FEMALE,  
 SINGLE KEY, DROP CABLE 4/22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-130025-025  
 DOC TYPE/DOC PART: PSD 001  
 REVISION: C1

MATERIAL NUMBER: SEE CHART  
 CUSTOMER: GENERAL MARKET  
 SHEET NUMBER: 1 OF 1