

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300250543	DND99A-M010	1M (3 FT 3.37 IN)
1300250544	DND99A-M030	3M (9 FT 10.11 IN)
1300250545	DND99A-M050	5M (16 FT 4.85IN)

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 300V PER IEC60664
300V PER UL

CURRENT RATING: 4A

4. TEMP RANGE: -20°C TO +80°C

5. PROTECTION: IP67 (WHEN MATED)

6. CSA CERTIFIED FILE: LR6837

7. COUPLING THREADS: 7/8"-16UN

7. DIMS SHOWN ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. LEGEND

DND99A-M010

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

WIRING DIAGRAM

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

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]

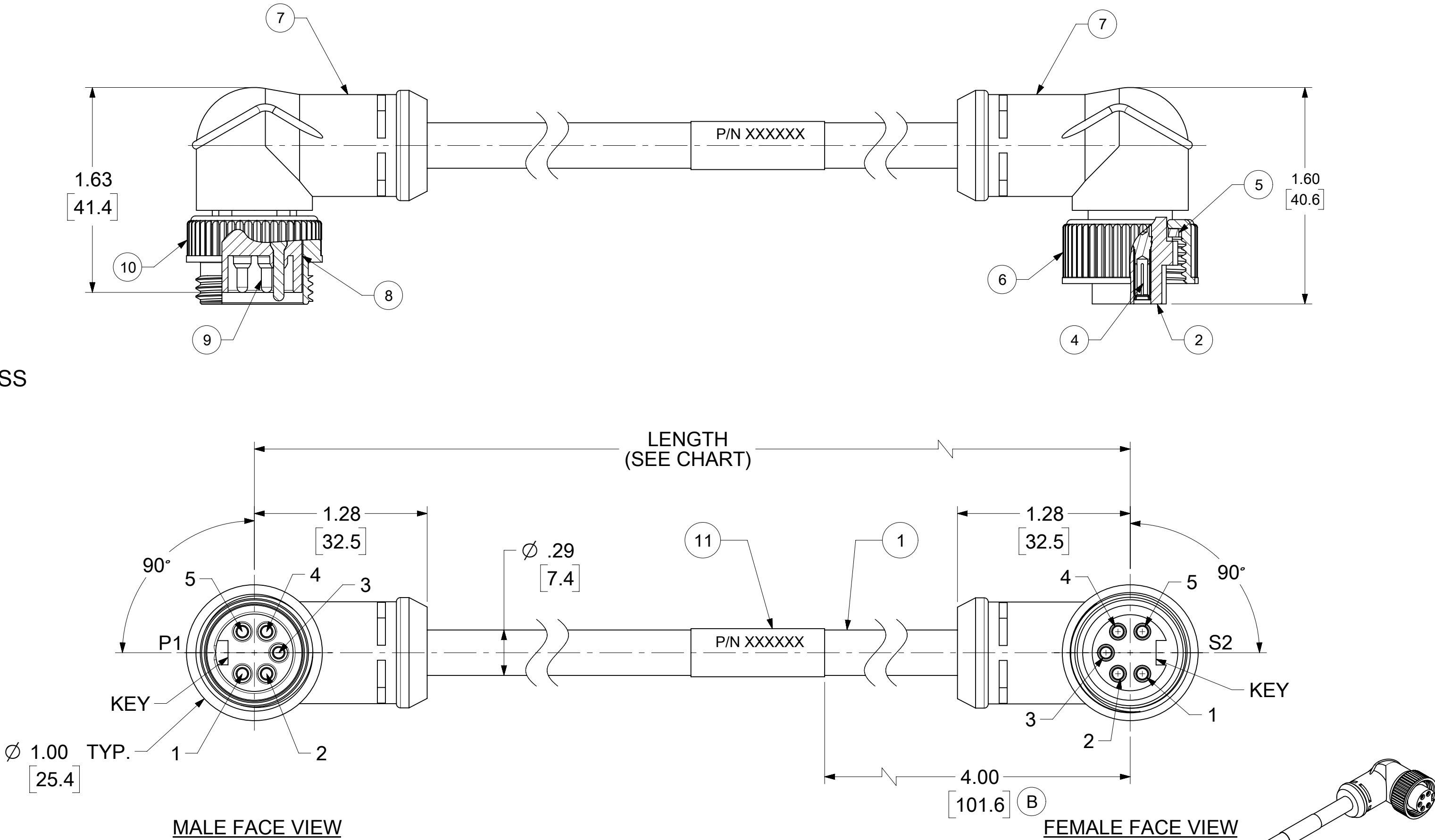
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

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



11	WRAP LABEL	VINYL	BLACK/YELLOW
10	COUPLING NUT, MALE	ZINC DIE-CAST	BLACK E-COAT
9	PIN CONTACT	Cu ALLOY	GOLD PLATED
8	INSERT, MALE, 5 POLE	TPE	BLACK
7	OVERMOLD	TPE	GRAY
6	COUPLING NUT, FEMALE	ZINC DIE-CAST	BLACK E-COAT
5	FRICTION RING	NYLON	WHITE
3	SOCKET CONTACT	Cu ALLOY	GOLD PLATED
2	INSERT, FEMALE, 5 POLE	TPE	BLACK
1	CABLE, DEV-NET, DROP, 4/22	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/03/06	18:28:06
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS  = 0  = 0  = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM 2, 7, & 8 WERE PVC, ADDED CSA, TEMP, P/N LEGEND, TOLERANCE & MATERIAL TABLE MODIFIED VOLT & UPDATED DIMS.				molex MINI-CHANGE DEVCENET, A-SIZE 5 POLE, MALE/FEMALE, 90 DEG, SINGLE KEY, 22 AWG						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
					EC NO: 732099 DRWN: VBASUTHKARP 2022/07/18 CHK'D: PDODDAMANEMY 2024/03/28 APPR: BWOODMAN 2025/03/06				PRODUCT CUSTOMER DRAWING						
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±												
	0 PLACES		±		INITIAL REVISION: DRWN: RSTONE 2009/07/30 APPR: JFMURPHY 2009/08/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	ANGULAR TOL		± °						SD-130025-023		PSD	001	B		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		130025		SEE TABLE		GENERAL MARKET		1 OF 1	