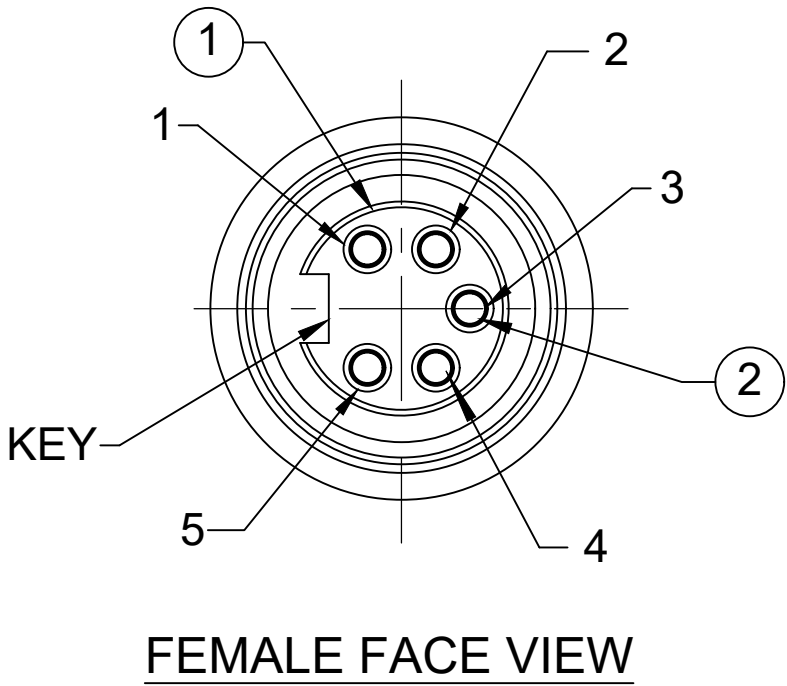
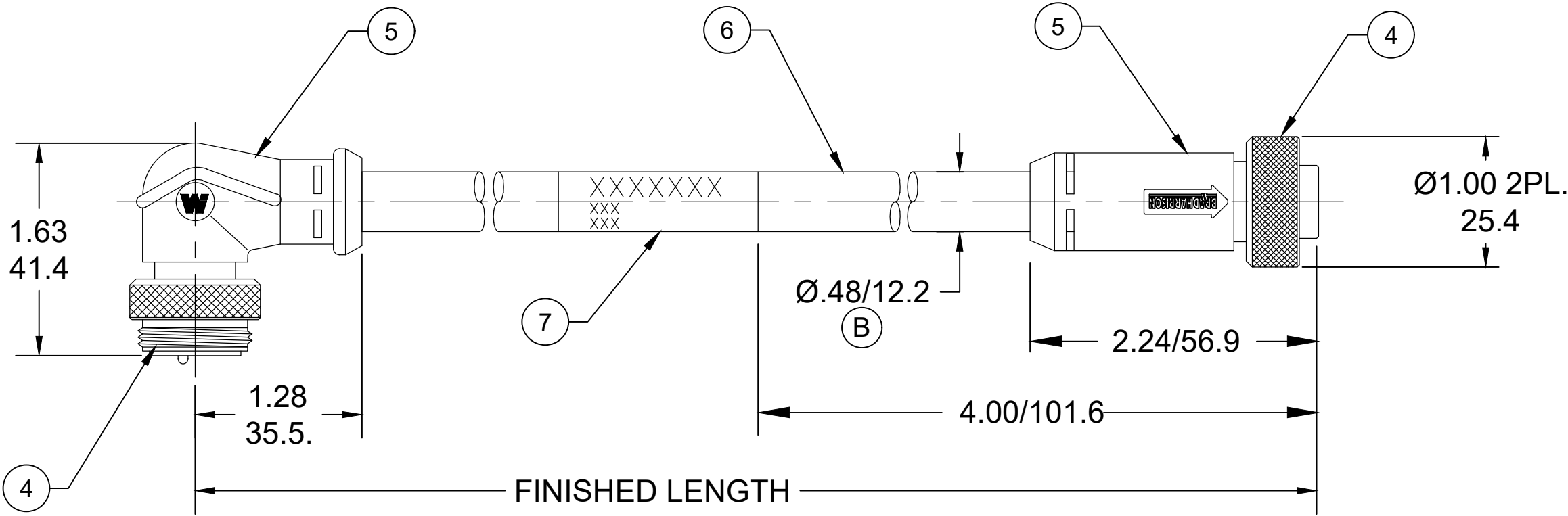
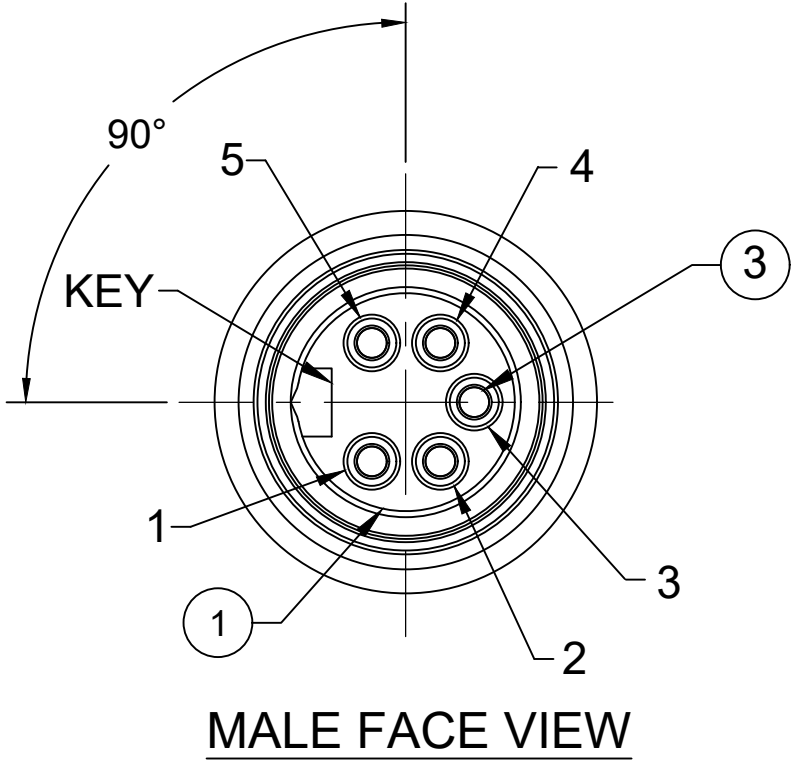


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300250153	DN19A-M005	0.5M [1FT 8 IN]
1300250163	DN19A-M150	15M [49FT 2 IN]
1300250170	DN19A-M300	30M [98FT 5 IN]

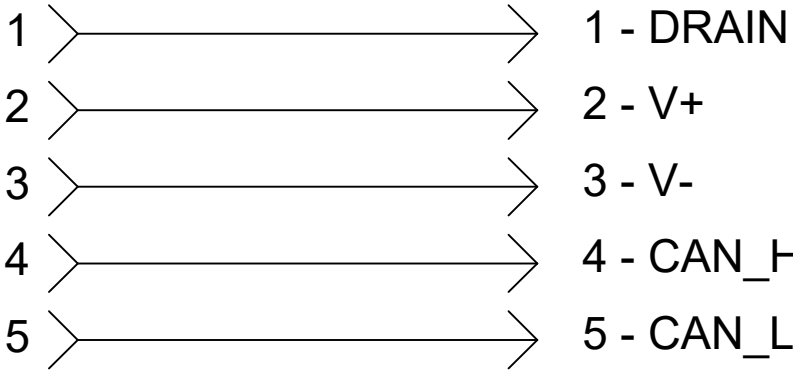
PART NO. MATRIX
DN19A-M005

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



- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE RATING PER IEC 60664: 300V
VOLTAGE RATING PER UL: 300V
CURRENT: 8A
 - 4. TEMP RATING: -25° TO +60°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: 7/8-16
 - 7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - 8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

SCHEMATIC



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	COMPONENT	MATERIAL	FINISH
1	INSERTS	TPE	GRAY
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
4	COUPLING NUTS	ZINC DIE CAST	BLACK E-COATED
5	OVERMOLDS	TPE	GRAY
6	CABLE-DEVICENET THICK CABLE 2/15 & 2/18 SHIELD PAIR	PVC	GRAY
7	WRAP LABEL	VINYL	BLACK/YELLOW

DOCUMENT STATUS	RV	RELEASE DATE	2020/08/28	17:02:28
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PRE-RELEASE
REFERENCE
USE ONLY

FUNCTIONAL SYMBOLS	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: ITEM# 1 & 5 WERE PVC. ADDED CABLE DIA. UPDATED TEMP RATING. MODIFIED MATERIAL TABLE					molex										
	INCH/MM		NTS																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 643513 DRWN: ABENJAMINLW 2020/07/28 CHK'D: RSTONE 2020/08/28 APPR: ----					MINI-CHANGE DEVICENET, A SIZE, 5 POLE, 90 DEGREE MALE TO STRAIGHT FEMALE, SINGLE KEY, 15/18 AWG										
	mm		INCH																	
	4 PLACES		± ---- ± ----																	
	3 PLACES		± ---- ± ----																	
	2 PLACES		± ---- ± ----																	
	DIVISIONAL SYMBOLS	1 PLACE		± ---- ± ----		INITIAL REVISION:					PRODUCT CUSTOMER DRAWING									
		0 PLACES		± ---- ± ----																
ANGULAR TOL ± ---- °				DRWN: RSTONE 2017/05/02 APPR: BWOODMAN 2017/06/14					DOCUMENT NUMBER						DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER					CUSTOMER		SHEET NUMBER			

Mouser Electronics

Authorized Distributor

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Molex:

[1300250154](#) [1300250153](#)