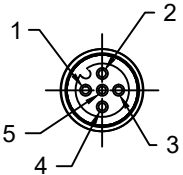


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270075	DND30A-M010	1M [3FT 3 IN]
1300270077	DND30A-M030	3M [9FT 10 IN]
1300270079	DND30A-M050	5M [16FT 5 IN]

PART NUMBER LEGEND
DND30A-M010

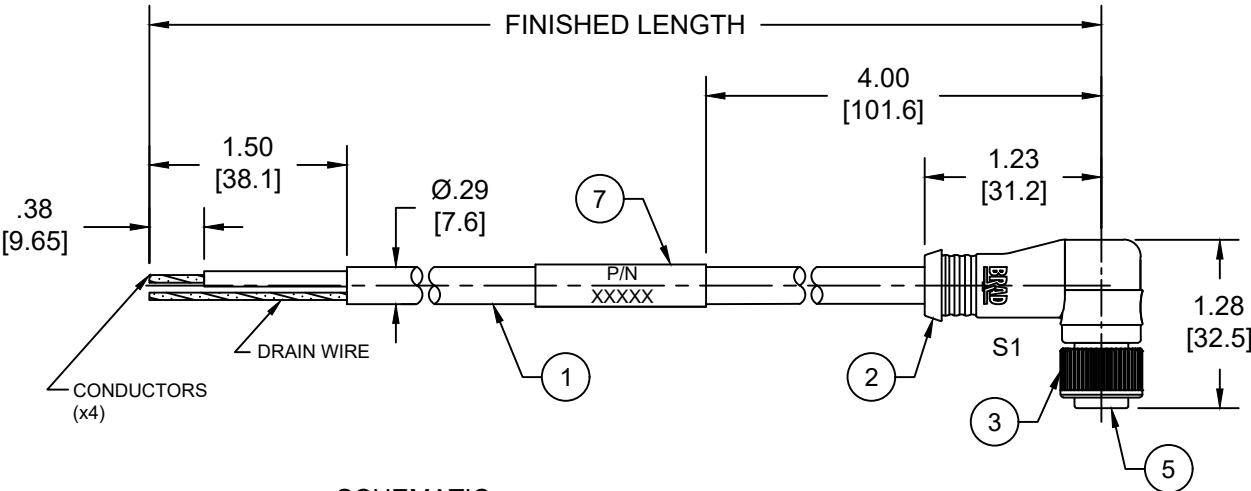
FINISHED LENGTH:
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

FEMALE- FACE VIEW



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

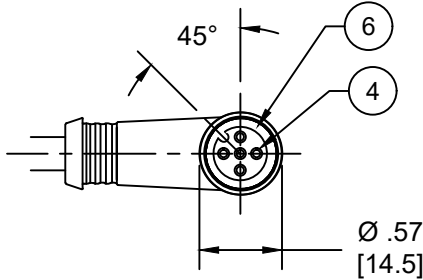
- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 60V
CURRENT: 4 AMPS[Ⓒ]
 - TEMP RATING: -20°C TO +80°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: M12 X 1
 - UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



SCHEMATIC

S1

DRAIN	< 1
RED	< 2 - V+
BLACK	< 3 - V-
WHITE	< 4 - CAN_H
BLUE	< 5 - CAN_L



FEMALE- FACE VIEW

7	WRAP LABEL	VINYL	YELLOW
6	O-RING	NITRILE	RED
5	INSERT	NYLON	BLACK
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLNG NUT	ZINC DIE CAST	BLACK E-COATED
2	OVERMOLD	TPC	GRAY
1	CABLE #22 AWG, DEVICENET	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/19	14:13:02
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FUNCTIONAL SYMBOLS $\frac{F}{A}=0$ $\frac{F}{C}=0$ $\frac{F}{P}=0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED VOLTAGE RATING FROM 250V TO 60V. ITEM-7 FINISH CHANGED FROM BLACK/YELLOW TO YELLOW						molex MICRO-CHANGE DEVICENET, M12, 5 POLE, FEMALE, 90DEG, SINGLE KEY #22 AWG								
	INCH/MM		NTS																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
			mm		INCH		EC NO: 796482 DRWN: ABENJAMINLW 2024/07/10 CHK'D: LESPINOZA 2024/08/27 APPR: BWOODMAN 2024/09/19 INITIAL REVISION: DRWN: VOU 2009/07/31 APPR: JFMURPHY 2009/08/10												
	4 PLACES		± ---- ± ----																
	3 PLACES		± ---- ± ----																
	2 PLACES		± ---- ± ----																
	1 PLACE		± ---- ± ----																
	0 PLACES		± ---- ± ----		PRODUCT CUSTOMER DRAWING														
ANGULAR TOL ± ---- °				DOCUMENT NUMBER							DOC TYPE		DOC PART		REVISION				
				SD-130027-003							PSD		001		C				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						A-SIZE		130027		SEE CHART		GENERAL MARKET		1 OF 1					

molex

MICRO-CHANGE DEVICENET, M12,
5 POLE, FEMALE, 90DEG, SINGLE KEY
#22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130027-003	PSD	001	C