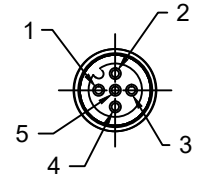


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270129	DNDF30A-M020	2M [6FT 7 IN]

PART NUMBER LEGEND
DNDF30A-M010

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

FEMALE- FACE VIEW

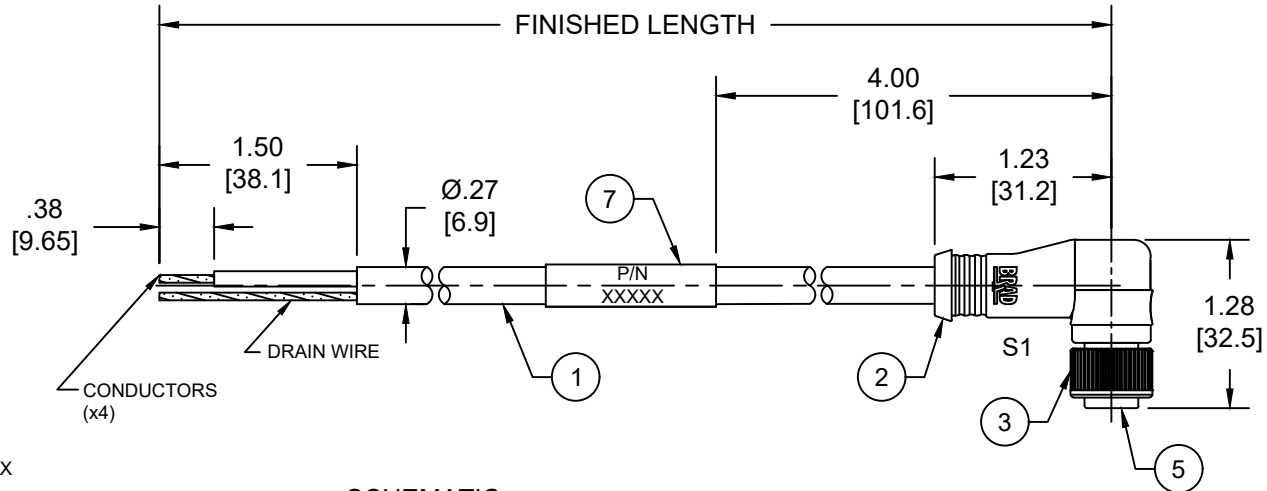


CABLE LENGTH TOLERANCES

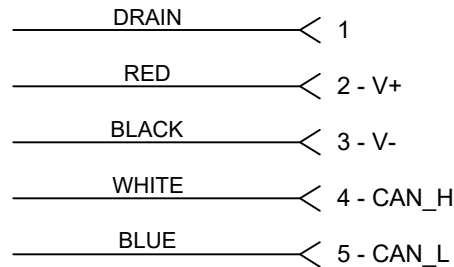
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

NOTES:

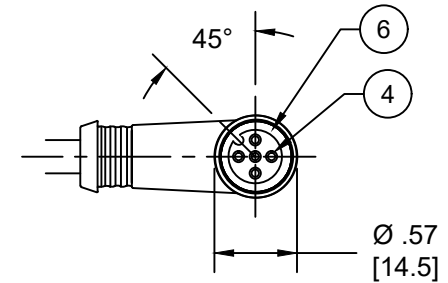
- MATERIAL: AS NOTED
- FINISH: AS NOTED
- CABLE: #22/2, #23/2 + DRAIN, DEVICENET THIN HIGH FLEX
EACH PAIR: SHIELDED, TWISTED
OVERALL: SHIELDED, PVC
- ELECTRICAL:
VOLTAGE: 60V AC/DC
CURRENT: 4 AMPS
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- COUPLING THREAD: M12 X 1
- CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



SCHEMATIC



S1



FEMALE- FACE VIEW

7	WRAP LABEL	VINYL	YELLOW
6	O-RING	NITRILE	RED
5	INSERT	NYLON	BLACK
4	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
3	M12 COUPLNG NUT	ZINC DIE CAST	BLACK E-COATED
2	OVERMOLD	TPC	GRAY
1	DEVICENET CABLE	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06	10:03:51
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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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685			molex					
INCH/MM		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 830097								
	mm	INCH	DRWN: SANATK1 2025/07/31									
4 PLACES	±----	±----										
3 PLACES	±----	±----	CHK'D: GGA 2025/08/06									
2 PLACES	±----	±----										
1 PLACE	±----	±----	APPR: GGA 2025/08/06									
0 PLACES	±----	±----										
ANGULAR TOL ± ---- °			INITIAL REVISION:				PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: VOU 2009/08/04 APPR: JFMURPHY 2009/08/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
						SD-130027-006		PSD	001	B1		
THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
			A-SIZE		130027		SEE CHART		GENERAL MARKET		1 OF 1	