

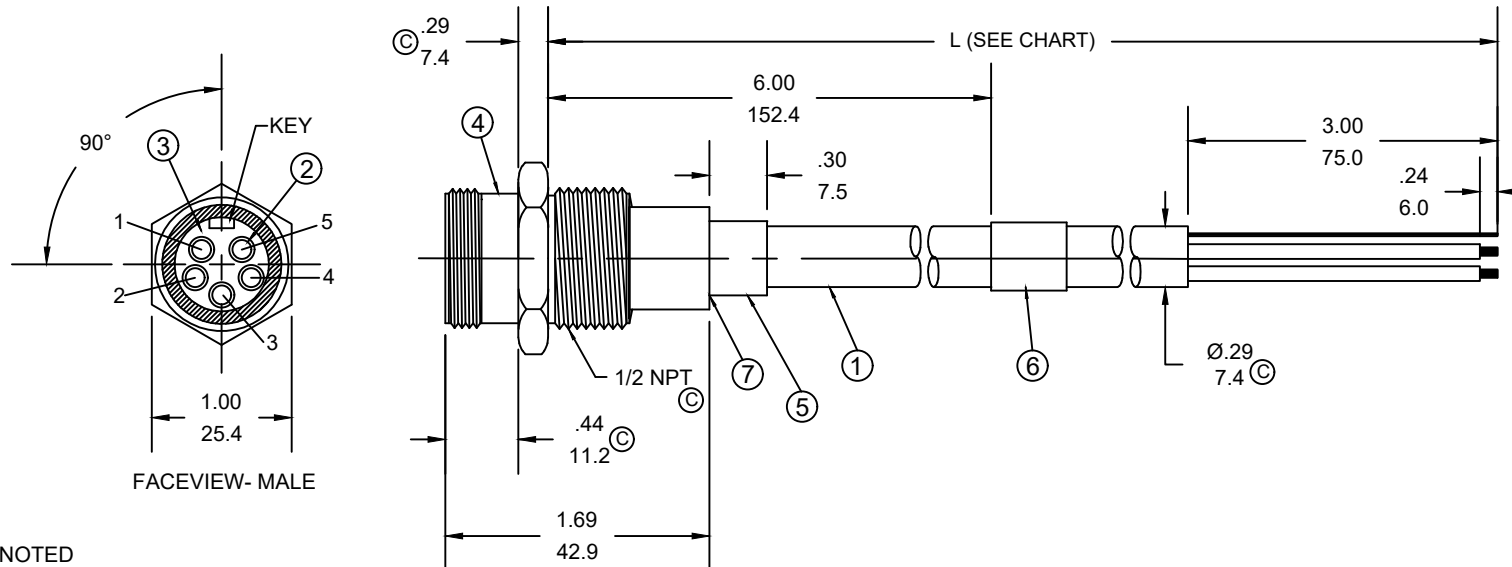
MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300390326	DND5100-M003	0.3M [1FT]
1300310041	DND5100-M040	4M [13 FT 1 IN]
1300390578	DND5100-M100	10M [32 FT 9 IN]

PART NO. MATRIX

DND5100-M050

FINISHED LENGTH:
M005= 0.5 METER
M050= 5 METER
M100= 10 METER

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



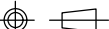
- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE RATING PER IEC 60664: 300V
VOLTAGE RATING PER UL: 300V
CURRENT: 4A
 4. PROTECTION: IP67 (WHEN MATED)
 5. COUPLING THREAD: 7/8-16.
 6. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 7. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS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

WIRING DIAGRAM

1	SHIELD
2	RED
3	BLACK
4	WHITE
5	BLUE

7	-	POTTING MATERIAL	EPOXY	-
6	1	LABEL	VINYL	BLACK/YELLOW
5	-	HEATSHRINK	POLYOLEFIN	BLACK
4	1	MC M/MP SHELL	ZINC	NICKEL PLATED
3	1	INSERT MALE 5P A SIZE	TPE	GRAY
2	5	CONTACT MALE	BRASS	GOLD
1	-	CABLE 4/#22	PVC	GRAY
ITEM	QTY.	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/23	13:29:08
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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# 3 WAS PVC. ADDED CABLE DIA & PANEL CUTOUT. MODIFIED MATERIAL TABLE. DIMS ADDED ZONE C4.REMOVED TEMP RATING			molex						
	INCH/MM		NTS											
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645633			MINI-CHANGE RECEPTACLE 5 POLE, MALE, STRAIGHT, SINGLE KEY, 22 AWG DROP CABLE						
		mm	INCH											
	DIVISIONAL SYMBOLS	4 PLACES		±----	±----	DRWN: ABENJAMINLW			2020/09/07					
		3 PLACES		±----	±----	CHK'D: RSTONE			2020/09/29					
		2 PLACES		±----	±----	APPR: BWOODMAN			2020/10/23					
		1 PLACE		±----	±----	INITIAL REVISION:								
		0 PLACES		±----	±----	DRWN: KKALICIAK			2015/11/13					
		ANGULAR TOL ± ---- °				APPR: MIWASIECZKO			2015/12/15					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A-SIZE	130039	SEE CHART		GENERAL MARKET		1 OF 1	

molex

MINI-CHANGE RECEPTACLE
5 POLE, MALE, STRAIGHT, SINGLE KEY,
22 AWG DROP CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130039-061	PSD	001	C