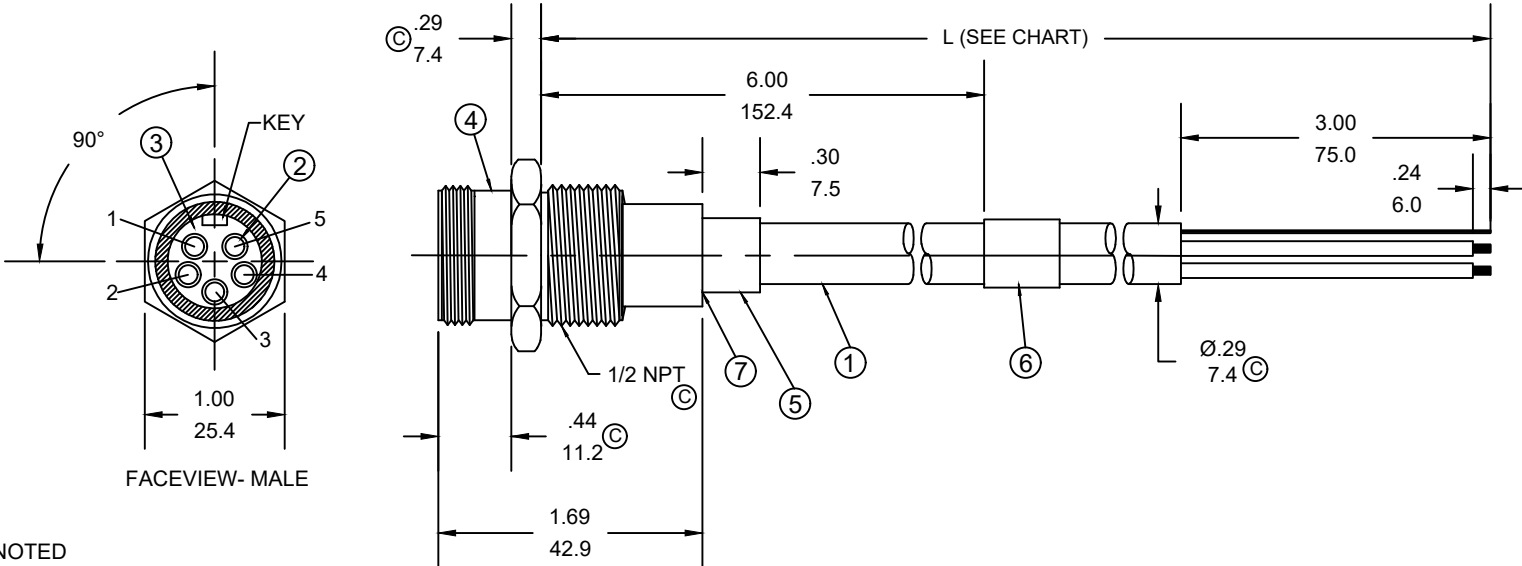


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300390326	DND5100-M003	0.3M [1FT]
1300310041	DND5100-M040	4M [13 FT 1 IN]
1300390578	DND5100-M100	10M [32 FT 9 IN]

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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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
FUNCTIONAL SYMBOLS	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 MINI-CHANGE RECEPTACLE 5 POLE, MALE, STRAIGHT, SINGLE KEY, 22 AWG DROP CABLE						
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
DIVISIONAL SYMBOLS							EC NO: 645633					DRWN: ABENJAMINLW 2020/09/07				
					CHK'D: RSTONE 2020/09/29											
	4 PLACES		± ----							± ----		APPR: BWOODMAN 2020/10/23				
	3 PLACES		± ----		± ----		INITIAL REVISION:									
	2 PLACES		± ----		± ----							DRWN: KKALICIAK 2015/11/13				
	1 PLACE		± ----		± ----		APPR: MIWASIECZKO 2015/12/15									
	0 PLACES		± ----		± ----							DOCUMENT NUMBER				
ANGULAR TOL		± ---- °				SD-130039-061										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING							SERIES		MATERIAL NUMBER		CUSTOMER	
				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