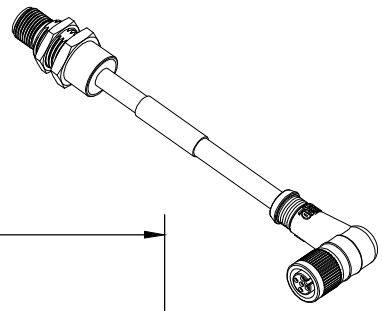
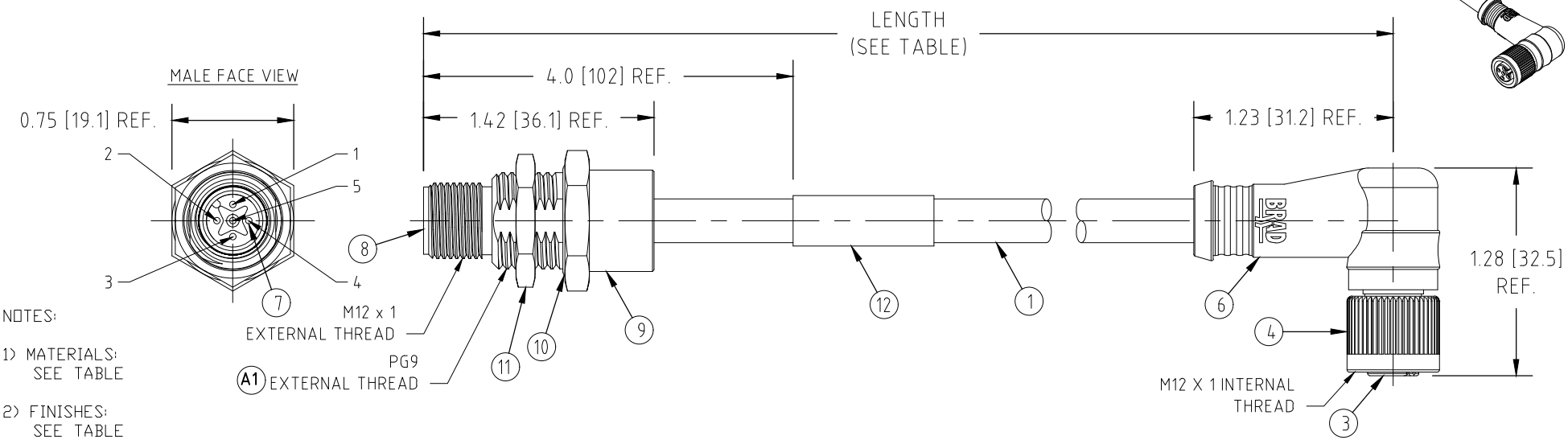
MATERIAL NUMBER	ENGINEERING NUMBER	LENGTH
130031-0012	DNDC303A-M005	0.5M +44.5mm -0 [1.64FT +1.75IN -0]





NOTES:

1) MATERIALS:
   SEE TABLE

2) FINISHES:
   SEE TABLE

3) ELECTRICAL DATA:
   MAX. VOLTAGE: 250 VAC/VDC
   MAX. CURRENT: 4 AMPS

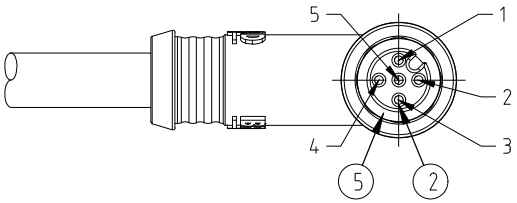
4) ENVIRONMENTAL:
   PROTECTION IP67
   TEMPERATURE RANGE: -20°C TO 80°C

5) CERTIFICATIONS:
   cCSAus FILE: LR6837

6) ASSEMBLY IS RoHS COMPLIANT.

WIRING DIAGRAM

MALE		FEMALE
1	DRAIN	1
2	RED	2
3	BLACK	3
4	WHITE	4
5	BLUE	5



ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
12	1	LABEL	PLASTIC FILM	YELLOW
11	1	PANEL NUT	BRASS	NICKEL PLATED
10	1	PANEL O-RING	NITRILE	BLACK
9	1	MALE RECEPTACLE SHELL	BRASS	NICKEL PLATING
8	1	MALE INSERT	NYLON	BLACK
7	5	PIN CONTACT	COPPER ALLOY	GOLD PLATING
6	1	OVERMOLD	PVC	GRAY
5	1	CONNECTOR O-RING	NITRILE	RED
4	1	COUPLER	ZINC DIE-CAST	BLACK E-COAT
3	1	FEMALE INSERT	NYLON	BLACK
2	5	SOCKET CONTACT	COPPER ALLOY	GOLD PLATING
1	1	#22/4 CABLE + DRAIN	PVC JACKET	GRAY

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05 08:39:21

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±0.005
2 PLACES	±0.13	±0.01
1 PLACE	±0.25	±0.02
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ----

EC NO: 667392

DRWN:	ABHISP1	2021/04/30
CHK'D:	ABHISP1	2021/07/01
APPR:	GGA	2021/07/05

INITIAL REVISION:

DRWN:	LHARTMAN	2010/01/15
APPR:	JFMURPHY	2010/01/29

THIRD ANGLE PROJECTION

molex

MIC CORDSET TO RCPT

5P FE 90 TO MA BPM #22/4 + DRAIN PVC CABLE

PRODUCT CUSTOMER DRAWING

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
A-SIZE	130031	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130031-003	PSD	001	B

FORMAT: IN-ACAD-tb-prod-A
REVISION: B
DATE: 2020/01/14