

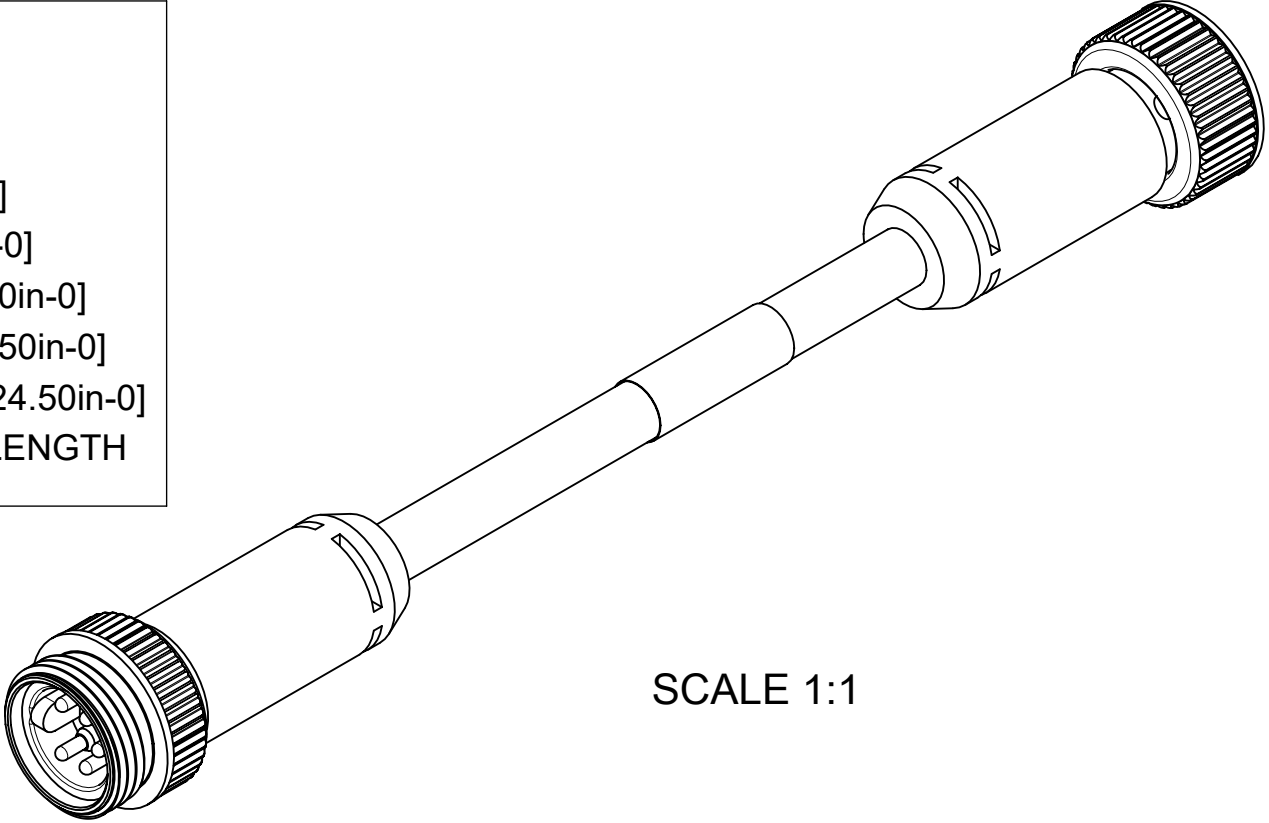
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300250404	DNF11A-M003	11.8 IN (0.3M)
1300250435	DNF11A-M300	98 FT 5.1 IN (30M)
1300250579	DNF11A-M600	196 FT 10.2 IN (60M)

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 300V PER IEC60664
300V PER UL2238
CURRENT RATING: 8A
4. TEMP RANGE: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. CSA CERTIFIED FILE: LR6837
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX
DNF11A-M010

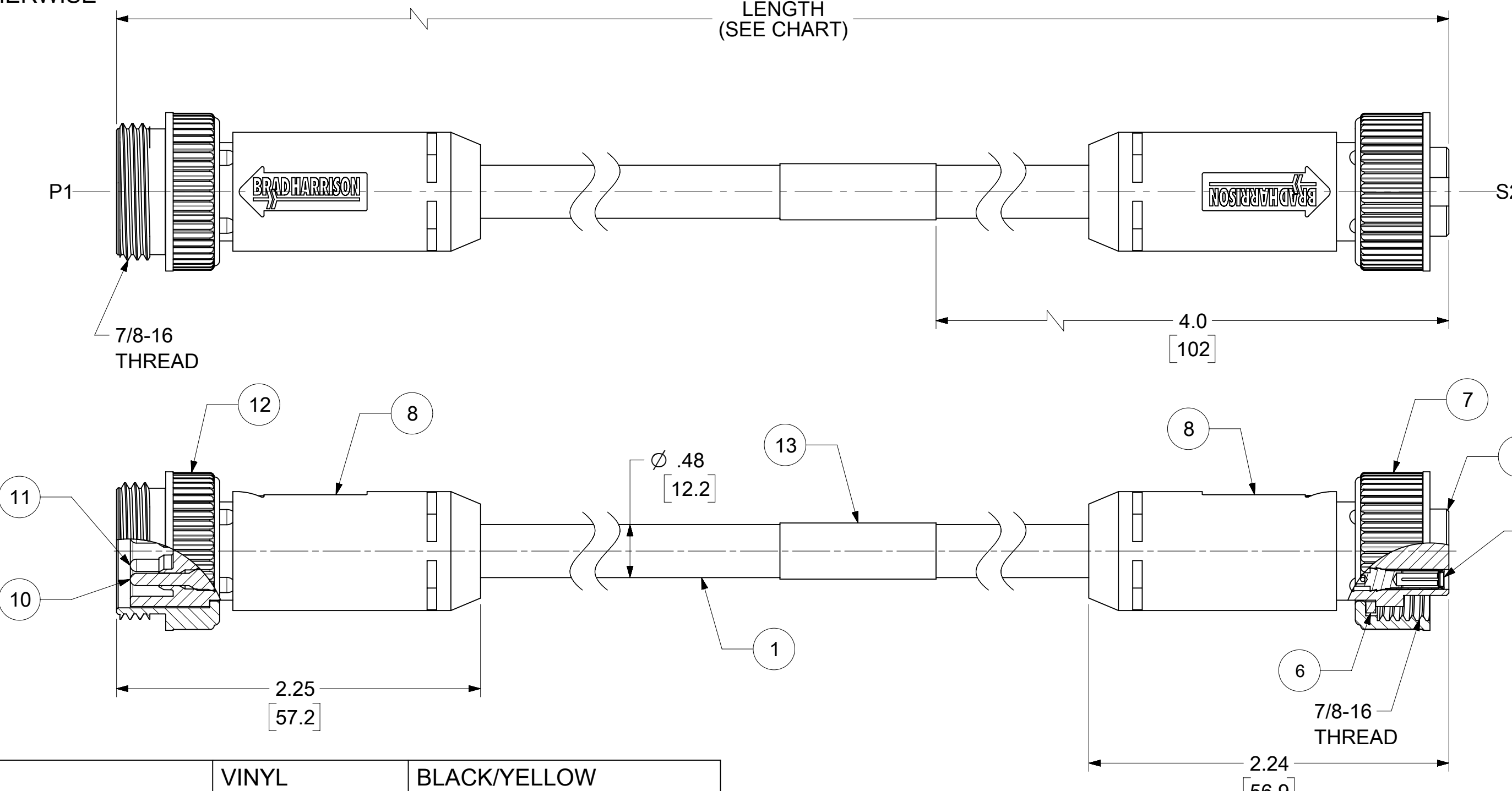
FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

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



WIRING DIAGRAM

P1		S2
1	DRAIN	1
2	RED +V	2
3	BLACK -V	3
4	WHITE CAN H	4
5	BLUE CAN L	5



13	LABEL	VINYL	BLACK/YELLOW
12	COUPLING NUT, MALE	ZINC DIE CAST	BLACK
11	CONTACT PIN, 18 AWG	COPPER ALLOY	SELECTIVE GOLD/NICKEL
10	CONTACT PIN, 16 AWG	COPPER ALLOY	SELECTIVE GOLD/NICKEL
9	INSERT, MALE, 5 POLE	TPE	GRAY
8	OVERMOLD	TPE	GRAY
7	COUPLING NUT, FEMALE	ZINC DIE CAST	BLACK
6	FRICTION RING	NYLON	WHITE
5	SOCKET SLEEVE	ST. STEEL	
4	CONTACT SOCKET, 18 AWG	COPPER ALLOY	SELECTIVE GOLD/NICKEL
3	CONTACT SOCKET , 16 AWG	COPPER ALLOY	SELECTIVE GOLD/NICKEL
2	INSERT, FEMALE, 5 POLE	TPE	GRAY
1	CABLE - FLEX, DEV-NET, TRUNK, 18/2, 15/2	TPE JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS
FA= 0
FC= 0
FP= 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
INCH/MM
SCALE
1.5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± ±
3 PLACES ± ±
2 PLACES ± ±
1 PLACE ± ±
0 PLACES ± ±
ANGULAR TOL ± °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ITEM 2, 8 & 9 WERE PVC, CURRENT & MATERIAL TABLE MODIFIED.
EC NO: 647781
DRWN: VBASUTHKARP 2020/05/27
CHK'D: RSTONE 2020/10/26
APPR: BWOODMAN 2020/10/28
INITIAL REVISION:
DRWN: BRUPERT 2009/07/17
APPR: JFMURPHY 2009/07/20
THIRD ANGLE PROJECTION

DRAWING
C-SIZE

SERIES
130025

DOCUMENT NUMBER
SD-130025-015

DOC TYPE
PSD

DOC PART
001

REVISION
C

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
1 OF 1

12

11

10

9

8

7

6

5

4

3

2

1

12

11

10

9

8

7

6

5

4

3

2

1