

CABLE SPECIFICATION:

CONDUCTOR:
MATERIAL: BARE COPPER
SECTION: 22AWG/0.14mm²
INSULATION 2.23 ±0.12mm:
COLOR: BLUE, WHITE
INSULATION 1.27 ±0.05mm:
COLOR: RED, BLACK
JACKET:
COLOR: GRAY
COMPOUND: PVC
DIAMETER: 7.239 ±0.12mm
TEMPERATURE RANGE:
-20°C TO +80°C
MAX. OPERATING VOLTAGE: 60V

WIRING DIAGRAM



PART No. MATRIX

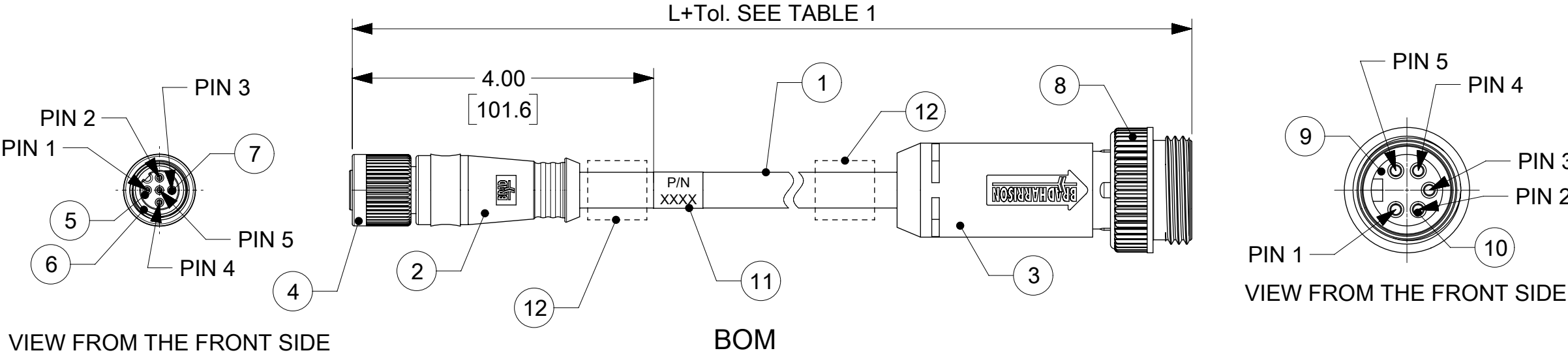
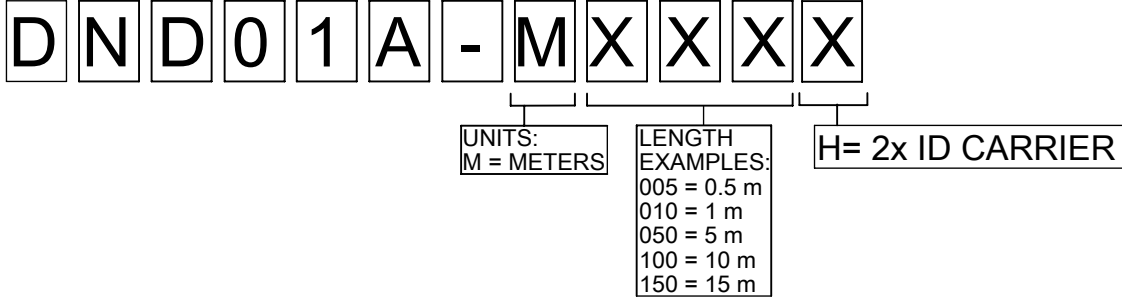


TABLE 1

MOLEX PN	ENGINEERING No	L+Tol. [INCH]	L+Tol. [mm]
1300390155	DND21A-M005	19.7 IN +0.7 IN/-0	500 +19/-0
1300390157	DND21A-M010	39.4 IN +2.2 IN/-0	1000 +56/-0
1300390159	DND21A-M020	78.7 IN +3.5 IN/-0	2000 +89/-0
1300390166	DND21A-M050	196.9 IN +6.5 IN/-0	5000 +165/-0
1300390169	DND21A-M100	393.7 IN +12.5 IN/-0	10000 +317/-0
1300390518	DND21A-M150	590.6 IN +24.0 IN/-0	15000 +610/-0
1300390170	DND21A-M200	787.4 IN +24.0 IN/-0	20000 +610/-0
1300390688	DND21A-M005H	19.7 IN +0.7 IN/-0	500 +19/-0
1300390689	DND21A-M010H	39.4 IN +2.2 IN/-0	1000 +56/-0
1300390690	DND21A-M020H	78.7 IN +3.5 IN/-0	2000 +89/-0
1300390691	DND21A-M050H	196.9 IN +6.5 IN/-0	5000 +165/-0
1300390692	DND21A-M100H	393.7 IN +12.5 IN/-0	10000 +317/-0
1300390693	DND21A-M200H	787.4 IN +24.0 IN/-0	20000 +610/-0
1300390694	DND21A-M150H	590.6 IN +24.0 IN/-0	15000 +610/-0
1300390695	DND21A-M030H	118.1 IN +3.5 IN/-0	3000 +89/-0

BOM

14	-	TAPE HIGH TEMP	-	-
13	-	HEAT-SHRINK	-	CLEAR
12	0/2	ID CARRIER (SEE MATRIX)	PVC	TRASPARENT
11	1	WRAP LABEL	VINYL	YELLOW
10	5	CONTACT MA	COPPER ALLOY	GOLD PLATED
9	1	INSERT A-SIZE MA 5P	ARNITEL	BLACK
8	1	COUPLING NUT MA A-SIZE	ZINC DIE-CAST	BLACK E-COAT
7	5	CONTACT FE	COPPER ALLOY	GOLD PLATED
6	1	GASKET	NITRILE	RED
5	1	INSERT M12 FE 5P MICRO	ZYTEL	BLACK
4	1	COUPLING NUT FE M12	ZINC DIE-CAST	BLACK E-COAT
3	-	MOULDING MATERIAL	TPC	GRAY
2	-	MOULDING MATERIAL	TPC	GRAY
1	-	DROP CABLE 4/22AWG	PVC	GRAY
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS

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

CURRENT REV DESC: CHANGE VOLTAGE RATING FROM 300V TO 60V. UPDATED MATERIALS IN BOM. ADDED INCH DIMS IN PN TABLE

EC NO: 791028

DRWN: ABENJAMINLW

CHK'D: LESPINOZA

APPR: BWOODMAN

2024/06/02

2024/07/10

2024/09/19

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DIVISIONAL SYMBOLS

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

10

A3-SIZE

130039

DOCUMENT NUMBER

1300390155

DOC TYPE

PSD

DOC PART

00P

REVISION

B

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE 1

1 OF 1