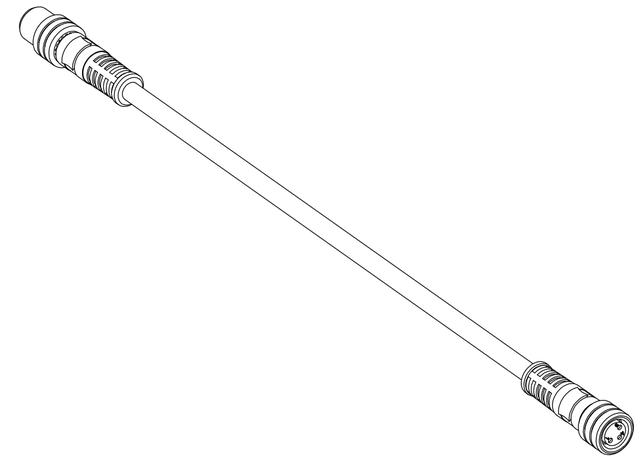
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200870067	443030A10M002	0.2M [8 IN]
1200870083	443030A10M100	10M [32FT 10 IN]
1200870086	443030A10M250	25M [82FT]

B

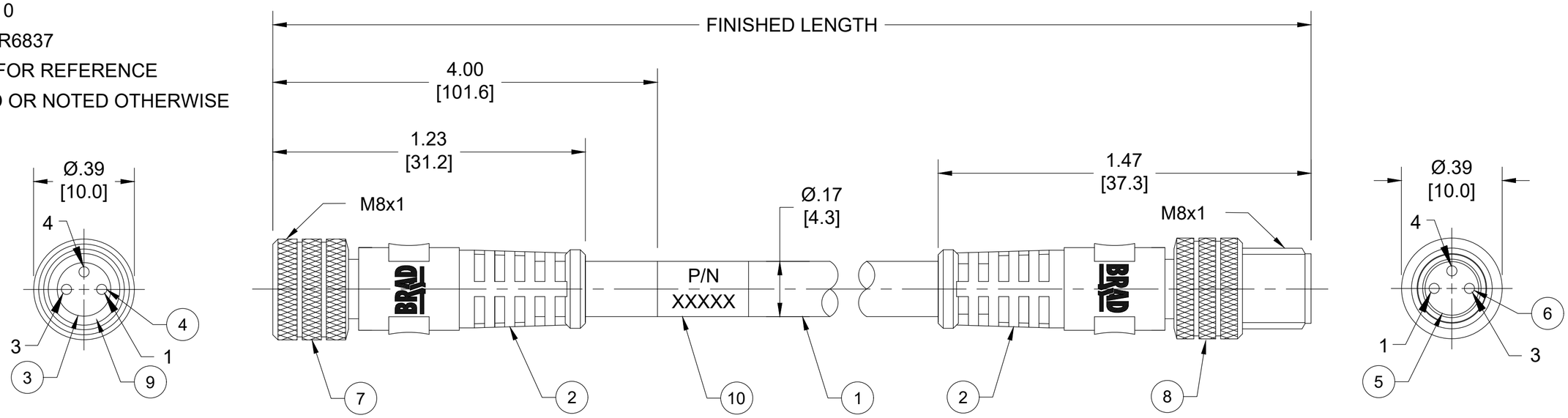
PART NUMBER LEGEND

443030A10M002 B

FINISHED LENGTH:
M001 = .1 METER
M010 = 1 METER
M100 = 10 METER



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE : 60 VAC / 75 VDC
   CURRENT: 4A
4. TEMP RATING: -20° TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210
   CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE



FEMALE FACE VIEW

MALE FACE VIEW

B

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

ITEM	COMPONENT	MATERIAL	FINISH	
10	WRAP LABEL	VINYL	YELLOW	B
9	O-RING	VITON	RED	
8	MALE COUPLING NUT	BRASS	NICKEL PLATED	B
7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED	B
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED	
5	MALE INSERT	PUR	BLACK	B
4	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED	
3	FEMALE INSERT	PUR	BLACK	B
2	OVERMOLD	TPC	YELLOW	B
1	CABLE #24/3 AWG	PVC	YELLOW	

DOCUMENT STATUS	P1	RELEASE DATE	2024/10/04 12:44:53

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: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ----	± ----
3 PLACES	± ----	± ----
2 PLACES	± ----	± ----
1 PLACE	± ----	± ----
0 PLACES	± ----	± ----
ANGULAR TOL	± ---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OVERMOLD WAS TPE. INSERTS WERE PBT. COUPLING NUT FINISH MODIFIED. ITEM-10 WAS MYLAR. ADDED PN LEGENG & TOL CHART. MODIFIED PN CHART

EC NO: 800244
DRWN: ABENJAMINLW 2024/10/03
CHK'D: PDODDAMANEMY 2024/10/04
APPR: BWOODMAN 2024/10/04

INITIAL REVISION:
DRWN: BWOODMAN 2009/03/26
APPR: JFMURPHY 2009/04/01

THIRD ANGLE PROJECTION

DRAWING: C-SIZE
SERIES: 120087

molex

NANO-CHANGE CORDSET, M8
3 POLE, MALE-FEMALE, STRAIGHT, #24 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120087-004	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: INLACAD-tb-prod-C
REVISION: C
DATE: 2022/10/04