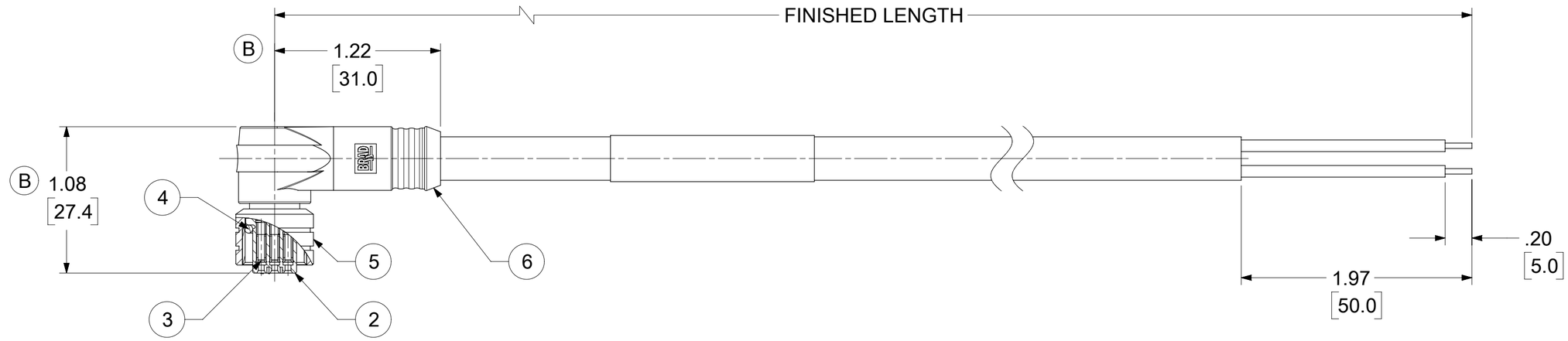
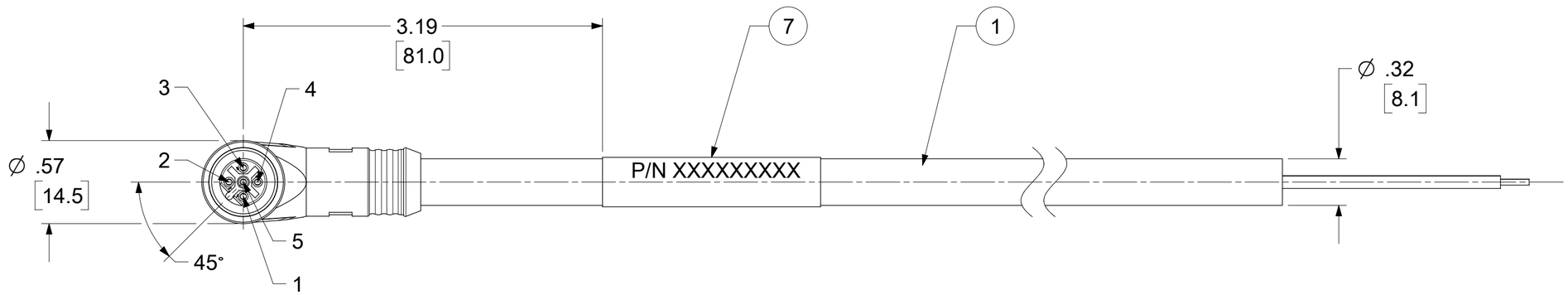
PART NO.	ENG. NO.	FINISHED LENGTH
1200390132	B05S01PP4M010	1.0M [3FT 3.0IN]
1200390134	B05S01PP4M040	4.0M [13FT 1.4IN]
1200985018	B05S01PP4M090	9.0M [29FT 6.2IN]
1200988056	B05S01PP4M200	20.0M [65FT 7.2IN]





B

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE; 250V AC/DC
   CURRENT: 4A
4. TEMP RATING: -20°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

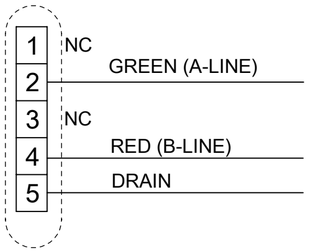
B

PART NUMBER MATRIX

B05S01PP4M010

LENGTH
M001 = .1 METERS
M010 = 1.0 METERS
M100 = 10 METERS

MICRO-CHANGE



WIRE DIAGRAM

ITEM	DESCRIPTION	MATERIAL	FINISH
7	WRAP LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	PUR	YELLOW
5	COUPLING	BRASS	NICKEL PLATED
4	O-RING	FPM	RED
3	CONTACT	Cu ALLOY	GOLD PLATED
2	INSERT, 5 POLE, SHIELDED	PUR	BLACK
1	CABLE, PROFIBUS	PUR JACKET	VIOLET

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/22 16:28:03

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: IN/MM
SCALE: 1.5:1

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: REDRAWN TO NX, O-MOLD CHANGED PER 5901 MFG STD., ADD P/N MATRIX, UPDATE NOTES

EC NO: 704283
DRWN: RSTONE 2022/04/21
CHK'D: MZIELINSKI 2022/04/22
APPR: BWOODMAN 2022/04/22

INITIAL REVISION:
DRWN: DW 2009/07/28
APPR: JFMURPHY 2009/07/28

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 120039

molex

MICRO-CHANGE CABLE ASSEMBLY
5P FEMALE, 90 DEG, B-CODE, PROFIBUS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120039-003	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N MATRIX	GENERAL MARKET	1 OF 1

FORMAT: Eng-legs-master-lb-pro3-C
REVISION: E1
DATE: 2021/05/01