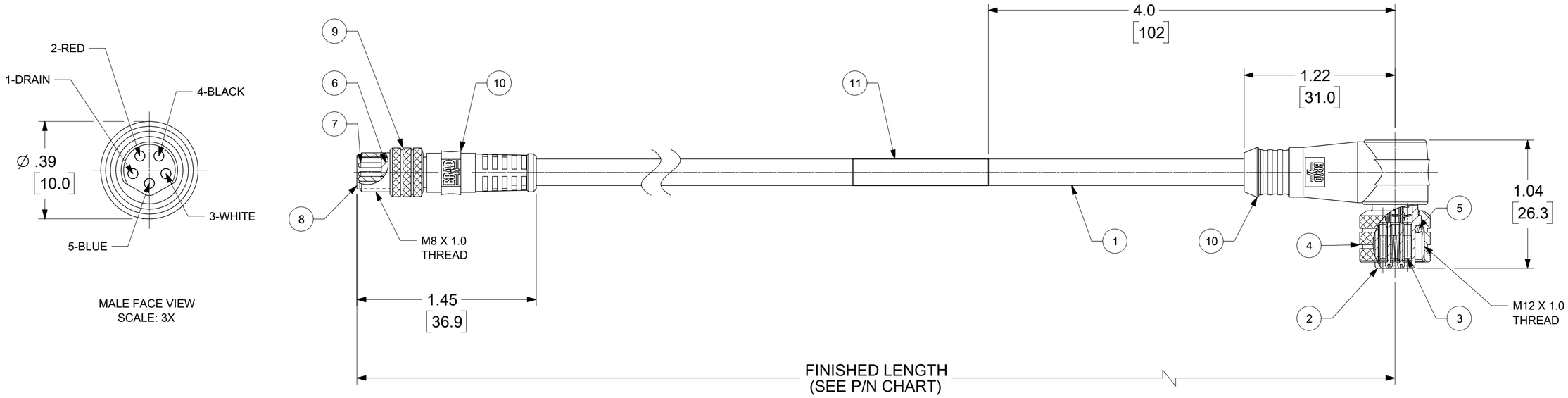
PART NO.	ENG. NO.	FINISHED LENGTH
1300300001	845031D12M030	9FT 10IN [3.0M]
1300300032	845031D12M005	1FT 8IN [0.5M]
1300300041	845031D12M010	3FT 3IN [1.0M]

845031D12M030

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

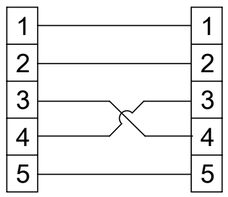
CABLE LENGTH TOLERANCES
>.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

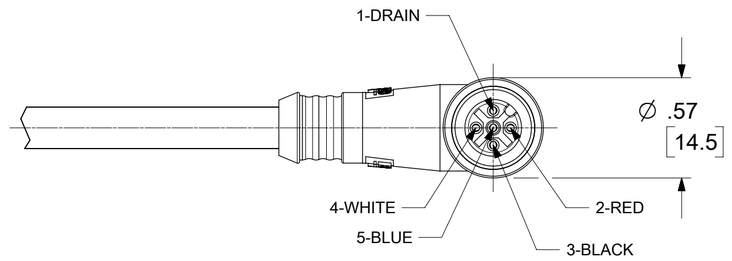
PART NUMBER MATRIX



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
 VOLTAGE; 60VAC, 75VDC
 CURRENT: 2A
4. TEMP RATING: -25°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: AS NOTED
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

WIRE DIAGRAM





FEMALE FACE VIEW

ITEM	DESCRIPTION	MATERIAL	FINISH
11	WRAP LABEL	VINYL	BLACK/YELLOW
10	OVERMOLDS	TPC	GRAY
9	M8 COUPLING NUT, MALE	BRASS	NICKEL PLATED
8	SLEEVE	Cu ALLOY	NICKEL PLATED
7	CONTACT PIN	Cu ALLOY	GOLD PLATES
6	M8 INSERT, 5P MALE	PUR	BLACK
5	O-RING	NITRILE	RED
4	MIC COUPLING NUT, FEMALE, M12	BRASS	NICKEL PLATED
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	MIC INSERT, 5P	PUR	BLACK
1	CABLE, DEV-NET, SHLD, 26AWG	PVC INSULATION	GRAY

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/09 12:58:27

SYMBOLS
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▽ = 0

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	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 624731
DRWN: RSTONE 2019/09/18
CHK'D: CCHRASTKA 2019/10/01
APPR: BWOODMAN 2019/10/09

INITIAL REVISION:
DRWN: B. RUPERT 2010/01/15
APPR: JF MURPHY 2010/01/29

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130030

molex

MIC 90D 5P FEMALE TO
NC STR 5P MALE DEVICENET

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130030-041	PSD	001	B

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

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18