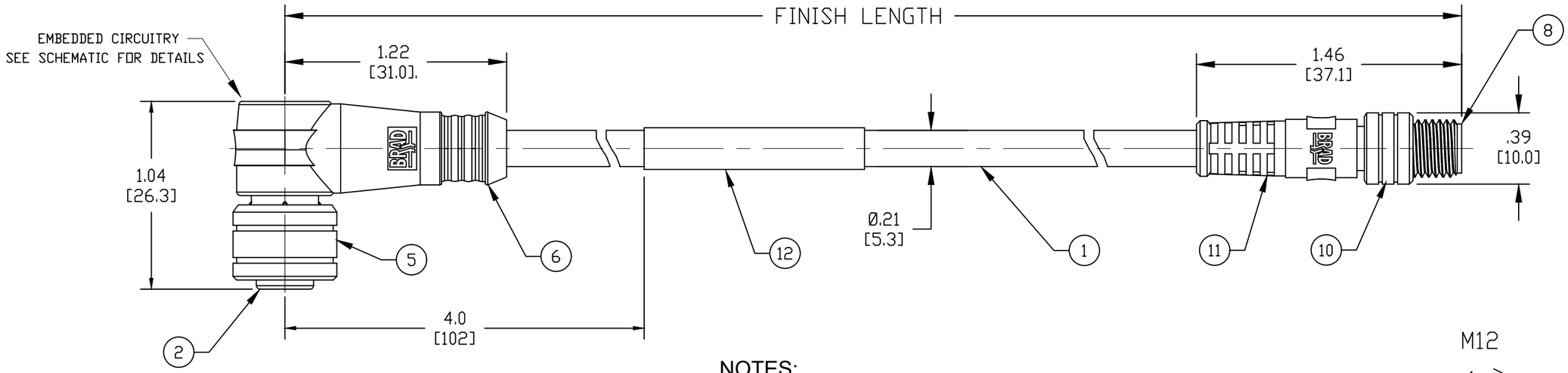
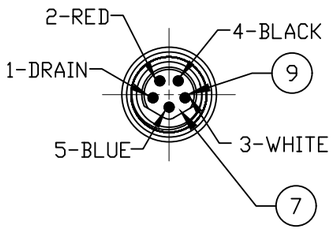
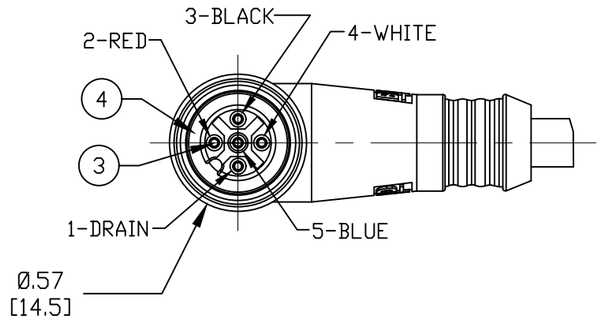


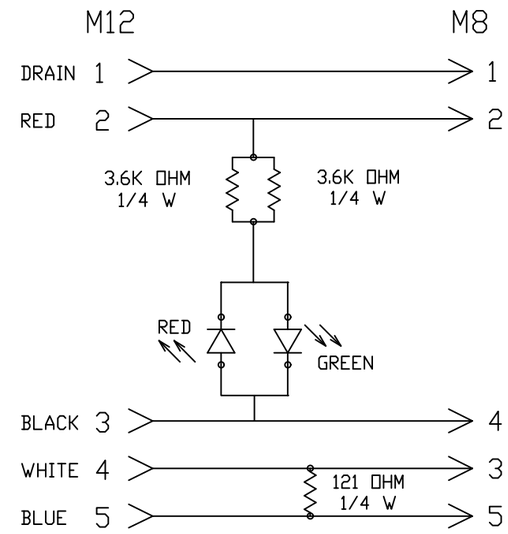


M8 MALE FACE VIEW



M12 FEMALE FACE VIEW

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 30VDC
   CURRENT: 2.4A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1.0 & M8 X 1.0
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



WIRE DIAGRAM

12	WRAP LABEL	VINYL	BLACK/YELLOW
11	OVERMOLD (M8)	TPC	GRAY
10	COUPLING NUT (M8)	BRASS	NICKEL PLATED
9	CONTACT PIN	Cu ALLOY	GOLD PLATED
8	SLEEVE	Cu ALLOY	NICKEL PLATED
7	INSERT (M8, MALE)	PUR	BLACK
6	OVERMOLD (M12)	PUR	CLEAR
5	COUPLING NUT (M12)	BRASS	NICKEL PLATED
4	0-RING	NITRILE	RED
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	INSERT (M12, FEM.)	PUR	BLACK
1	DEV-NET DROP CABLE, 2P, 26AWG CORD	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NUMBER LEGEND

8450T7D12M012

FINISHED LENGTH:
M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 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 NO.	ENGINEERING NO.	FINISHED LENGTH
1300300079	8450T7D12M012	1.2M [3'11"]

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: 1:1
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: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516986

EC NO: 831193
DRWN: SANATK1 2025/08/07
CHK'D: GGA 2025/08/19
APPR: GGA 2025/08/19

INITIAL REVISION:
DRWN: VOU 2009/04/23
APPR: JFMURPHY 2009/05/15

THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 130030

molex

MIC 90D FE TO NC ST MALE
5P MIC TERMINATED LED #26/4 AWG DROP PVC CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130030-001	PSD	001	B1

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

DOCUMENT STATUS: P1 | RELEASE DATE: 2025/08/19 10:06:47

FORMAT: IN-ACAD-tb-prod-B
REVISION: B
DATE: 2020/01/14