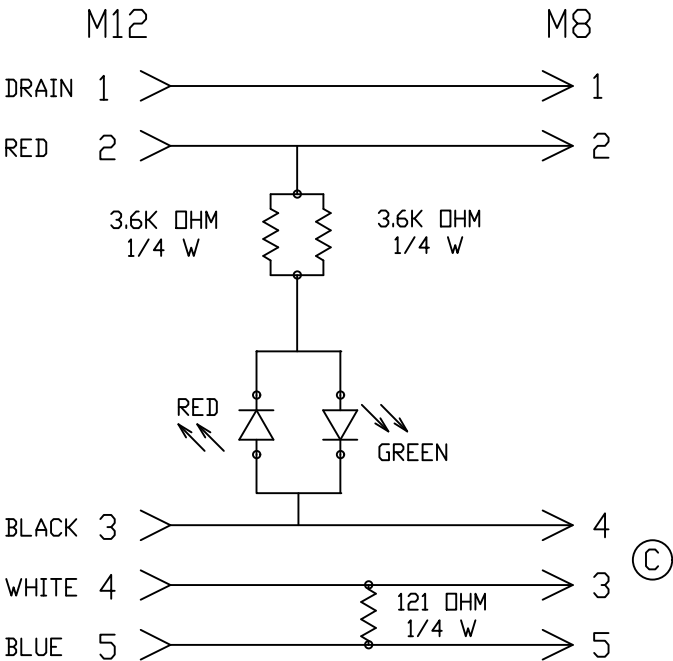


- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 30VDC
CURRENT: 2.4A
 - 4. TEMP RATING: -20°C TO +80°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: M12 X 1.0 & M8 X 1.0
 - 7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND

8450T7D12M012

FINISHED LENGTH:
M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 METERS



© 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	O-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

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"]
1300300080	8450T7D12M010	1.0M [3'3"]

FUNCTIONAL SYMBOLS F A =0 F C =0 F D =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		SCALE		CURRENT REV DESC: REVISED WIRE DIAGRAM FOR CIRC'S 3 & 4, ADD WIRE COLORS			molex							
	INCH/MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 666022			MIC 90D FE TO NC ST MALE							
	mm		INCH												
	4 PLACES		±----	±----	DRWN: RSTONE			2021/06/03							
	3 PLACES		±----	±----	CHK'D: ALEON01			2021/06/08							
	2 PLACES		±----	±----	APPR: BWOODMAN			2021/06/09							
	1 PLACE		±----	±----	INITIAL REVISION:			DOCUMENT NUMBER							
	0 PLACES		±----	±----	DRWN: VOU										
ANGULAR TOL		±	----	°	APPR: JFMURPHY			2009/05/15							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		130030		SEE P/N LEGEND		GENERAL MARKET		1 OF 1	