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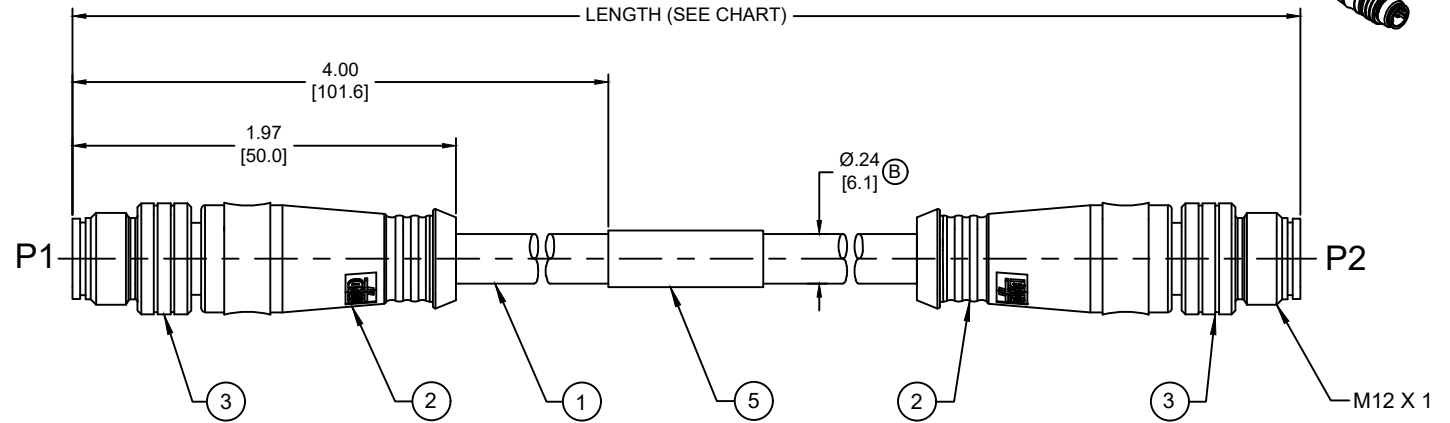
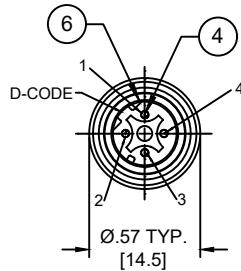
2

1

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300480251	E11A06004M003	0.3M [12 IN]
1300480319	E11A06004M420	42M [137FT 10IN]
1300480326	E11A06004M850	85M [278FT 10IN]

PART NO. MATRIX
E11A06004M003

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER



- NOTES:
- 1) MATERIAL: SEE TABLE
 - 2) FINISHES: SEE TABLE
 - 3) MATES WITH: MICRO CHANGE, 4 POLE RECEPTACLE
 - 4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
INLINE CORDSET
MALE D-CODING TO MALE D-CODING
24AWG
POLES: 4
MAX. VOLTAGE: 250V
MAX. CURRENT 1.5A^(B)
CONTACT RESISTANCE: <5m Ohm
INSULATION WITHSTAND: >100M Ohm
TEMPERATURE RANGE: -20°C TO +75°C^(B)
PROTECTION: IP67 (WHEN MATED)
UL E200650
 - 5) ASSEMBLY IS RoHS COMPLIANT.
 - 6) ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE.

MECHANICAL CHARACTERISTICS:^(B)

FLEX LIFE:	(126 CYCLES/MIN @ 20° C) 1 MILLION CYCLE TEST (10X CABLE O.D., MINIMUM RADIUS) 10 MILLION CYCLE TEST (20X CABLE O.D., MINIMUM RADIUS)
TORSIONAL FLEX:	(1 LB LOAD, 360°, 71 CYCLES/MIN @ 20° C) 3 MILLION CYCLE TEST

6	2	INSERTS	TPU	BLACK
5	1	LABEL	PLASTIC FILM	BLACK/YELLOW
4	8	MALE TERMINAL	COPPER ALLOY	GOLD PLATED
3	2	COUPLING NUT	BRASS	NICKEL PLATED
2	2	OVERMOLD	TPC	BLACK
1	1	ETHERNET CABLE-CAT5e	TPE JACKET	TEAL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/23	13:29:09
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P1		P2
1	WH-OG	1
2	WH-GN	2
3	OG	3
4	GN	4

WIRING DIAGRAM

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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ITEM# 2 WAS TPE. UPDATED CURRENT & TEMP RATING. ADDED MECH CHAR TABLE & CABLE DIA. MODIFIED MATERIAL TABLE.	
	DIMENSION UNITS	SCALE		
	INCH/MM	NTS		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS		mm	INCH	
	4 PLACES	±----	±----	
	3 PLACES	±----	±----	
	2 PLACES	±----	±----	
	1 PLACE	±----	±----	
	0 PLACES	±----	±----	
	ANGULAR TOL ± ---- °			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A-SIZE	130048
		DRWN: ABENJAMINLW	2020/09/22	
		CHK'D: RSTONE	2020/09/29	
		APPR: BWOODMAN	2020/10/23	
		INITIAL REVISION:		
		DRWN: TVICKERS	2010/01/14	
		APPR: DTITUS	2010/01/15	
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE CHART	GENERAL MARKET	1 OF 1

molex

MICRO-CHANGE CORDSET, M12,
4 POLE, MALE-MALE, STRAIGHT, D-CODED,
24 AWG HIFLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130048-001	PSD	001	B

Mouser Electronics

Authorized Distributor

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[1300480108](#) [1300480107](#) [1300480110](#) [1300480105](#)