

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200490557	E11A06002M003	11.8IN (0.3M)
1201080032	E11A06002M450	147 FT 7.6 (45M)
1201080028	E11A06002M900	295FT 3.30 (90M)

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 125V
CURRENT RATING: 1.5A
4. TEMP RANGE: -25°C TO +75°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL FILE: E361772
7. ALL DIMS ARE FOR REFERNCE UNLESS
TOLERNACED OR NOTED OTHERWISE.
8. TRANSMISSION PERFORMANCE TEST FOR CABLES UP TO 20m ACC. CAT5e PATCHCORD
9. TRANSMISSION PERFORMANCE TEST FOR CABLES OVER 20m ACC. CAT5e CHANNEL

PART NO. MATRIX
E11A06002M005

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

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

SCALE 2:3

Ø 0.57 TYP.
[14.5]

3

MALE FACE VIEW

4.0
[101.6]

M12 X 1.0

Ø 0.25
[6.4]

M12 X 1.0

2.0 TYP.
[50.8]

4

2

5

6

1

5

4

WIRING DIAGRAM

1	ORANGE/WHITE	1
2	BLUE/WHITE	2
3	ORANGE	3
4	BLUE	4

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	SCALE
INCH/MM	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.05	±
1 PLACE	± 0.3	±
0 PLACES	± 0.5	±
ANGULAR TOL	± 1.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

THIRD ANGLE PROJECTION

C-SIZE

SERIES

120049

CURRENT REV DESC: ADDED NOTES 8 & 9.

EC NO: 762436
DRWN: CRAODOREMS
CHK'D: RSILLER
APPR: RSILLER

2023/08/04
2023/09/12
2023/09/12

INITIAL REVISION:
DRWN: NSTAUDIGEL
APPR: fpacher

2010/02/08
2010/02/11

DOCUMENT NUMBER

SD-120049-001

DOC TYPE

PSD

DOC PART

001

REVISION

A1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 2

6	LABEL	VINYL	BLACK/WHITE
5	OVERMOLD	TPU	BLACK
4	M12 MALE COUPLING NUT	BRASS	NICKEL
3	M12 D-CODE 4P MALE INSERT	PUR	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
1	CABLE, 24-4, ETHERNET	PVC JACKET	TEAL
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/12	07:55:16
12		11	10	9
				8
				7
				6
				5
				4
				3
				2
				1

