

6

5

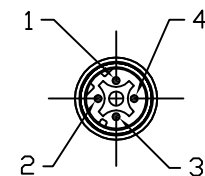
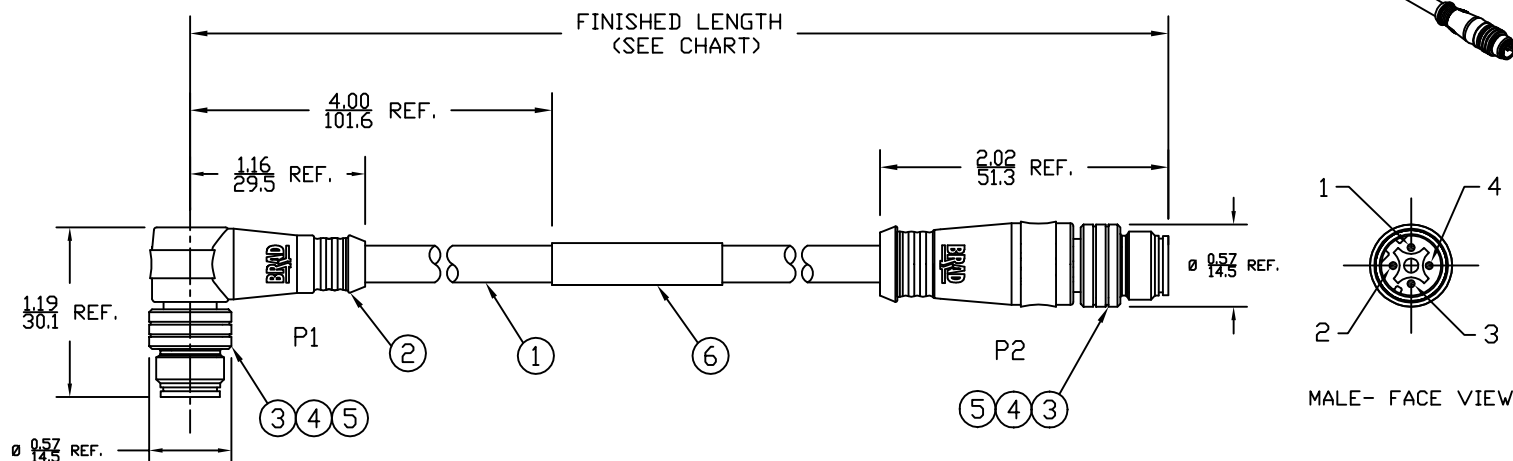
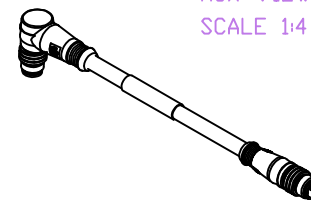
4

3

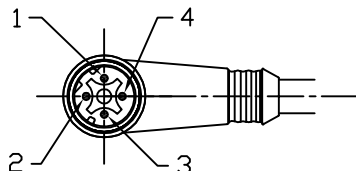
2

1

PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1300480153	E11A06215M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1300480155	E11A06215M050	16' 4" +6.5"/-0" [5M +165.0/-0 mm]

AUX VIEW
SCALE 1:4

MALE- FACE VIEW



MALE- FACE VIEW

P1		P2
1	WHITE/ORG	1
2	WHITE/GRN	2
3	ORANGE	3
4	GREEN	4

WIRING DIAGRAM

NOTES:

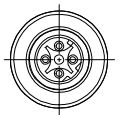
- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #26/4 SHIELDED PVC
- 4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
- 5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 75°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	2	INSERT	PUR	BLACK
4	8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	2	M12 COUPLING NUT	BRASS	NICKEL
2	2	OVERMOLD	PUR	BLACK
1	1	ETHERNET CABLE-CAT5E	PVC JACKET	TEAL

SD RELEASE EC NO: WEU2010-0005 7/13/09 DRWN: VOU CHKD: BWOODMAN APPR: JFMURPHY 2009/07/20	DESCRIPTION	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:4	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY VOU		DATE 2009/07/06	TITLE MICRO-CHANGE CABLE ASSY 4P M/MP ST/90 D-CODE #26/4 SHIELDED PVC			
			4 PLACES	±----	±----	CHECKED BY BWOODMAN		DATE 2009/07/31				
			3 PLACES	±----	±.005	APPROVED BY ---		DATE ---				
			2 PLACES	±----	±.010							
			1 PLACE	±----	±.020	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-120108-023		SHEET NO. 1 OF 1		
			ANGULAR ± 1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

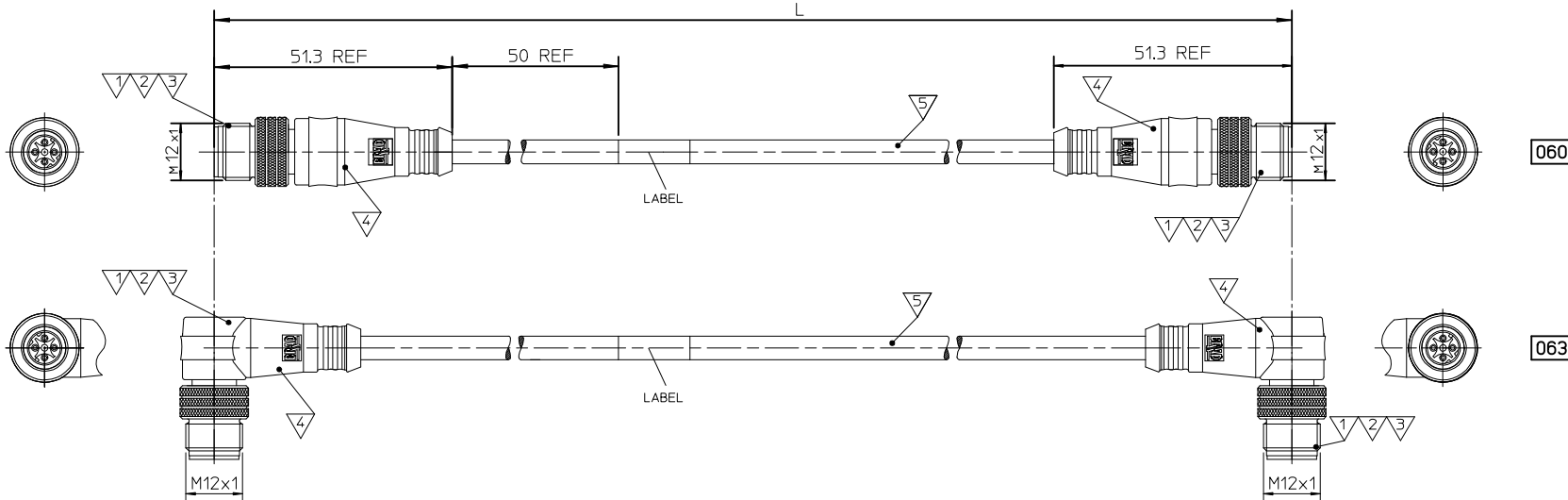
MALE FACE VIEW

4-POLE



WIRING DIAGRAM

1 WHITE/ORANGE
2 WHITE/GREEN
3 ORANGE
4 GREEN



E 1 1 A X X X 1 5 X X X X X

Networ Protocol
E=Ethernet

First and Second Connector
1=M12 Threaded 4 Pole D-code

Wiring Scheme
A=4 Pole

HEAD TYPE
060 Plugs male and male straight
063 Plugs male 90° and male 90°

Cable type
26AWG
7/34 STRANDED TINNED COPPER
PVC, TEAL

LENGTH UNIT
C-cm
M-m
K-km
F-feet

LENGTH
Example:
020 - 2M
060 - 6M
100 - 10M

OPTIONS
D- Decoupled (for Shielded version only)

Table of lenght tolerances		
Over	Up to and including	Tolerance (*)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	2 % of lenght

CONNECTOR SPECIFICATION:

VOLTAGE RATING	max 30V
AMPERAGE RATING	1.5 A
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 75°C

5	CABLE	1302100082	---
4	OVERMOULDING	TPU UF NATURAL C98A10	---
4	OVERMOULDING	MASTERBATCH COLORANT	---
3	COUPLING NUT	SEE SPECIAL TYPES	---
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

PN ADDED EC NO: IPG2014-1381 DRW:GDSTACHOWIAK 2014/02/03 CHKD: JARSZALEK 2014/02/03 APPR: MIWASIECZKO 2014/02/04	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0
		B1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± --- ± ---
1 PLACE	± --- ± ---
0 PLACE	± --- ± ---
ANGULAR ± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
MDYSZEWSKA	2012/11/24
CHECKED BY	DATE
HWALCZAK	2012/11/24
APPROVED BY	DATE
MIWASIECZKO	2013/01/21
MATERIAL NO.	
SEE PAGE 2	
SIZE	A3

SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION
TITLE CSE ETH ETH 4P DC PVC XM DE SHLD NI		
DOCUMENT NO. SD-130048-006		
SHEET NO. 1 OF 2		

F

E

D

C

B

A

F

E

D

C

B

A

SEE CHART 1

1300480009	E11A06015M030
1300480010	E11A06015M200
1300480011	E11A06015M400
1300480122	E11A06015M010
1300480124	E11A06015M020
1300480126	E11A06015M050
1300480128	E11A06015M100
1300480130	E11A06015M150
1300480132	E11A06015M300
1300480303	E11A06015M500
1300480304	E11A06015M680
1300488007	E11A06015M250
1300488012	E11A06015M040
1300488108	E11A06015M600
1300488109	E11A06015M800
1300480177	E11A06315M006
1300480179	E11A06315M010
1300480181	E11A06315M020
1300480183	E11A06315M050
1300480185	E11A06315M100
1300488073	E11A06315M030

PN ADDED EC NO: IPG2014-1381 DRWN: DSTACHOWIAK 2014/02/03 CHKD: JMARSZALEK 2014/02/03 APPR: MIWASIECZKO 2014/02/04	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION	
					MM ONLY		---	METRIC		
			mm	INCH	DRAWN BY	DATE	TITLE CSE ETH ETH 4P DC PVC XM DE SHLD NI			
			4 PLACES	± --- ± ---	MDYSZEWSKA	2012/11/24				
			3 PLACES	± --- ± ---	CHECKED BY	DATE	molex			
			2 PLACES	± --- ± ---	HWALCZAK	2012/11/24				
			1 PLACE	± --- ± ---	APPROVED BY	DATE				
			0 PLACE	± --- ± ---	MIWASIECZKO	2013/01/21	SD-130048-006			
			ANGULAR ± --- °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SIZE A3								