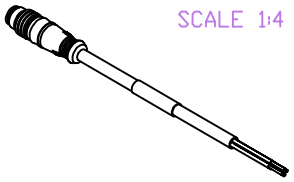
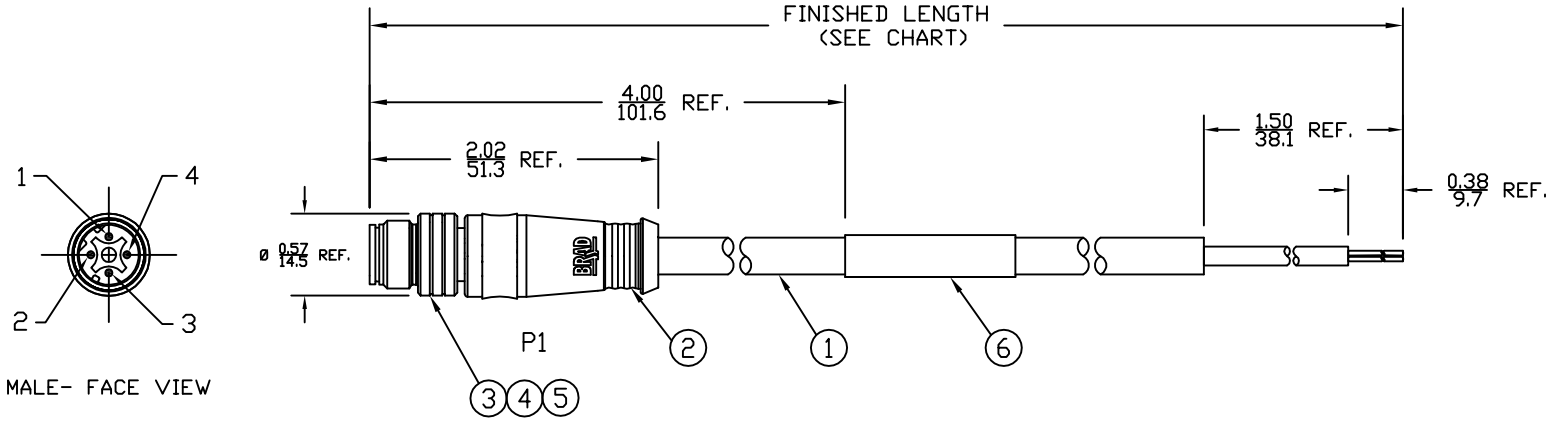
PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1300480054	E10A00615M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1300480056	E10A00615M050	16' 4" +6.5"/-0" [5M +165.0/-0 mm]

AUX VIEW
SCALE 1:4





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

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	1	INSERT	PUR	BLACK
4	4	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	1	M12 COUPLING NUT	BRASS	NICKEL
2	1	OVERMOLD	PUR	BLACK
1	1	ETHERNET CABLE-CAT5E	PVC JACKET	TEAL

SD RELEASE 7/10/09 —
EC NO: WEU2010-0005
DRWN: VOU
CH'KD: BWOODMAN
APPR: JFMURPHY 2009/07/20
DESCRIPTION
1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±.005
2 PLACES	±----	±.010
1 PLACE	±----	±.020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:4
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2009/07/06
CHECKED BY: BWOODMAN DATE: 2009/07/31
APPROVED BY: ---- DATE: ----

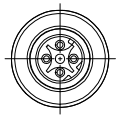
TITLE: MICRO-CHANGE CABLE ASSY
4P M/MP ST D-CODE
#26/4 SHIELDED PVC

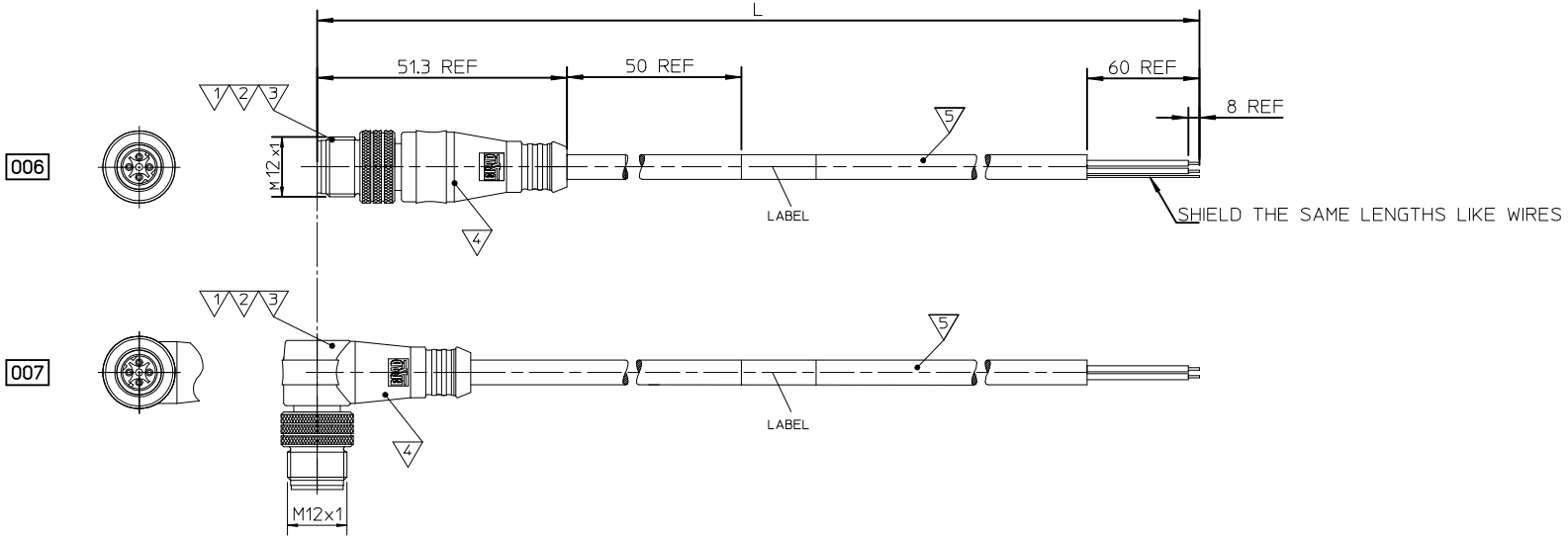
molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-120108-015
SHEET NO.: 1 OF 1

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	0	A	X	X	X	1	5	X	X	X	X	X	X

Networ Protocol
E=Ethernet

First Connector
1=M12 Threaded 4 Pole D-code

second Connector
0=No connector

Wiring Scheme
A=4 Pole

HEAD TYPE
006 Plugs male and single ended
007 Plugs male 90° and single ended

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

ITEM	PART	MATERIAL	FINISH
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

DRAWING UPDATED
EC NO: IPG2013-1486
DRWN:MDYSZEWSKA 2013/03/26
CHKD:
APPR:MIWASIECZKO 2013/05/09
DESCRIPTION
REV
B1

QUALITY SYMBOLS
▼=0
Ⓒ=0

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
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MDYSZEWSKA DATE: 2012/11/24
CHECKED BY: HWALCZAK DATE: 2012/11/24
APPROVED BY: MIWASIECZKO DATE: 2013/01/21

TITLE: CSE ETH 4P DC MA PVC SE SHLD NI

molex

MATERIAL NO.: SEE PAGE 2
DOCUMENT NO.: SD-130048-007
SHEET NO.: 1 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE CHART 1

1201080140	E10A00615M030
1300480053	E10A00615M006
1300480054	E10A00615M010
1300480055	E10A00615M020
1300480056	E10A00615M050
1300480057	E10A00615M100
1300480058	E10A00615M150
1300480059	E10A00615M300
1300480289	E10A00615M500
1300488006	E10A00615M200
1300480077	E10A00715M006
1300480078	E10A00715M010
1300480079	E10A00715M020
1300480080	E10A00715M050
1300480081	E10A00715M100
1300480290	E10A00715M200

ORIGINAL RELEASE
EC NO: IPG2013-0932
DRWN:MDYSZEWSKA 2012/11/24
CH'KD:HWALCZAK 2012/11/24
APPR:MIWASIECZKO 2013/01/21
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

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
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MDYSZEWSKA DATE: 2012/11/24
CHECKED BY: HWALCZAK DATE: 2012/11/24
APPROVED BY: MIWASIECZKO DATE: 2013/01/21

TITLE: CSE ETH 4P DC MA PVC SE SHLD NI

molex

MATERIAL NO.: SEE CHART 1
DOCUMENT NO.: SD-130048-007
SHEET NO.: 2 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION