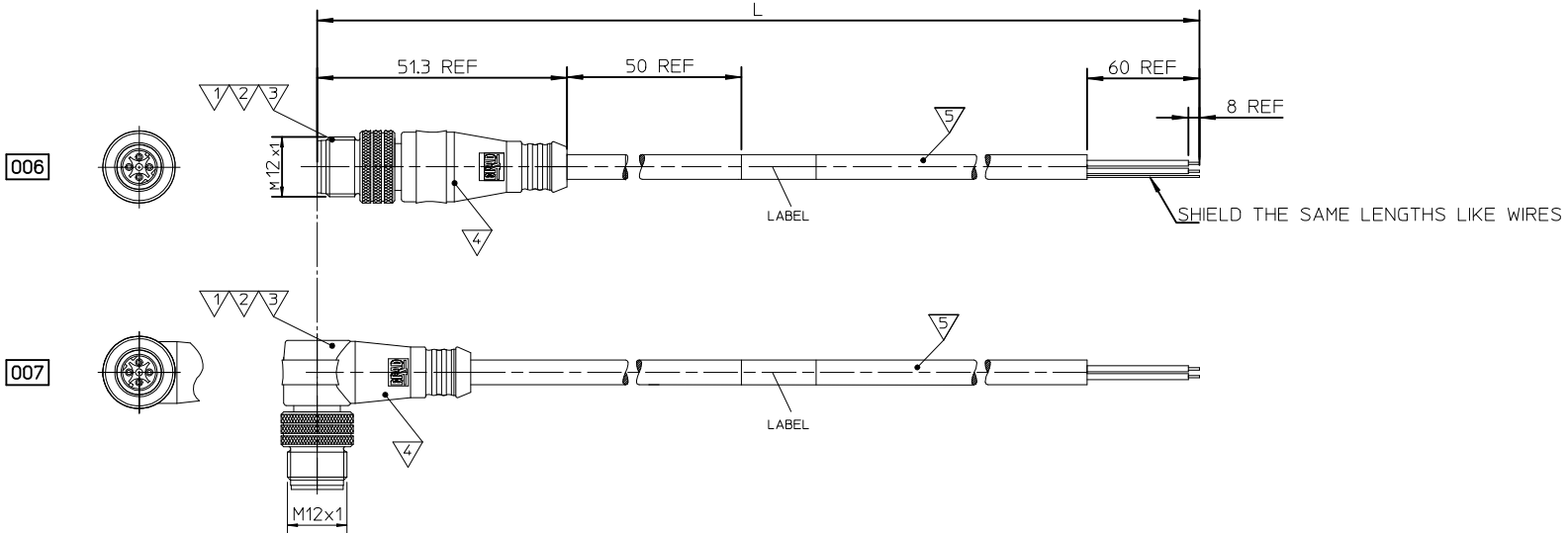


**MALE FACE VIEW**  
4-POLE

**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

Network 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)
--------------------------------	-------------------------------------------------	------------------------------------	---------------------------	-------------------------------------------------------------------------------------	-----------------------------------------------------------------	----------------------------------------------	---------------------------------------------------------	-----------------------------------------------------

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 length

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

**DRAWING UPDATED**  
EC NO: IPG2013-1486  
DRW:MDYSZEWSKA 2013/03/26  
CHKD:  
APPR:MIWASIECZKO 2013/05/09

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**

DRAWN BY: MDYSZEWSKA  
DATE: 2012/11/24

CHECKED BY: HWALCZAK  
DATE: 2012/11/24

APPROVED BY: MIWASIECZKO  
DATE: 2013/01/21

MATERIAL NO.  
**SEE PAGE 2**

SIZE  
**A3**

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

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

**molex**

DOCUMENT NO.: SD-130048-007  
SHEET NO.: 1 OF 2

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 CHKD:HWALCZAK 2012/11/24 APPR:MIWASIECZKO 2013/01/21	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION			
					mm      INCH	DRAWN BY      DATE MDYSZEWSKA      2012/11/24	TITLE CSE ETH 4P DC MA PVC SE SHLD NI					
					4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---		CHECKED BY      DATE HWALCZAK      2012/11/24					
					ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY      DATE MIWASIECZKO      2013/01/21					
A					MATERIAL NO. <b>SEE CHART 1</b>		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					