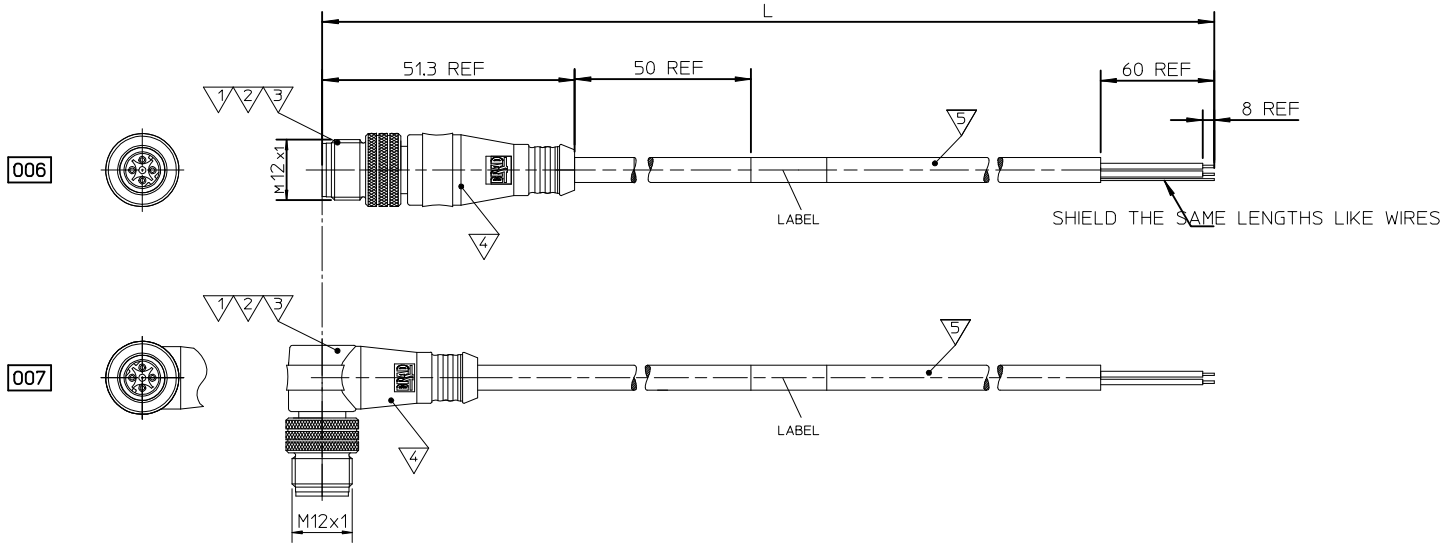


MALE FACE VIEW
4-POLE

WIRING DIAGRAM

1 YELLOW
2 WHITE
3 ORANGE
4 BLUE



E 1 0 A X X X 1 1 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 straight and single ended 007 Plugs male 90° and single ended	Cable type 2x2x22AWG PUR, GREEN, SHIELD	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)
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Table of length 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 length

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	1202098084	---
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

ORIGINAL RELEASE
EC NO: IPG2013-0772
DRWN:MDYSZEWSKA 2012/11/24
CHKD:HWALCZAK 2012/11/24
APPR:MIWASIECZKO 2012/12/21

QUALITY SYMBOLS ▽=0 ◻=0	4 PLACES	± ---	± ---
	3 PLACES	± ---	± ---
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	2 PLACES	± ---	± ---
	1 PLACE	± ---	± ---
	0 PLACE	± ---	± ---
	ANGULAR ± --- °		

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	
mm	INCH	DRAWN BY	DATE
± ---	± ---	MDYSZEWSKA	2012/11/24
± ---	± ---	CHECKED BY	DATE
± ---	± ---	HWALCZAK	2012/11/24
± ---	± ---	APPROVED BY	DATE
± ---	± ---	MIWASIECZKO	2012/12/21
MATERIAL NO.		DRAWN BY	
SEE PAGE 2		DATE	
SIZE A3		DATE	

SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION
TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI		
DOCUMENT NO. SD-130048-008		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

1300480281	E10A00611M050
1300480282	E10A00611M100
1300480283	E10A00611M200
1300480284	E10A00611M300
1300480285	E10A00611M500
1300480286	E10A00711M050
1300480287	E10A00711M100
1300480288	E10A00711M200

ORIGINAL RELEASE EC NO: IPG2013-0772 DRWN:MDYSZEWSKA 2012/11/24 CHKD:HWALCZAK 2012/11/24 APPR:MIWASIECZKO 2012/12/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION																			
			<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	DRAWN BY MDYSZEWSKA	DATE 2012/11/24	TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI				
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		ANGULAR ± --- °	APPROVED BY MIWASIECZKO		DATE 2012/12/21	molex DOCUMENT NO. SD-130048-008 SHEET NO. 2 OF 2																						
			MATERIAL NO. SEE CHART 1																									