

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

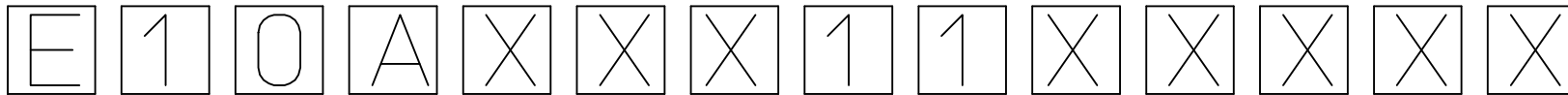
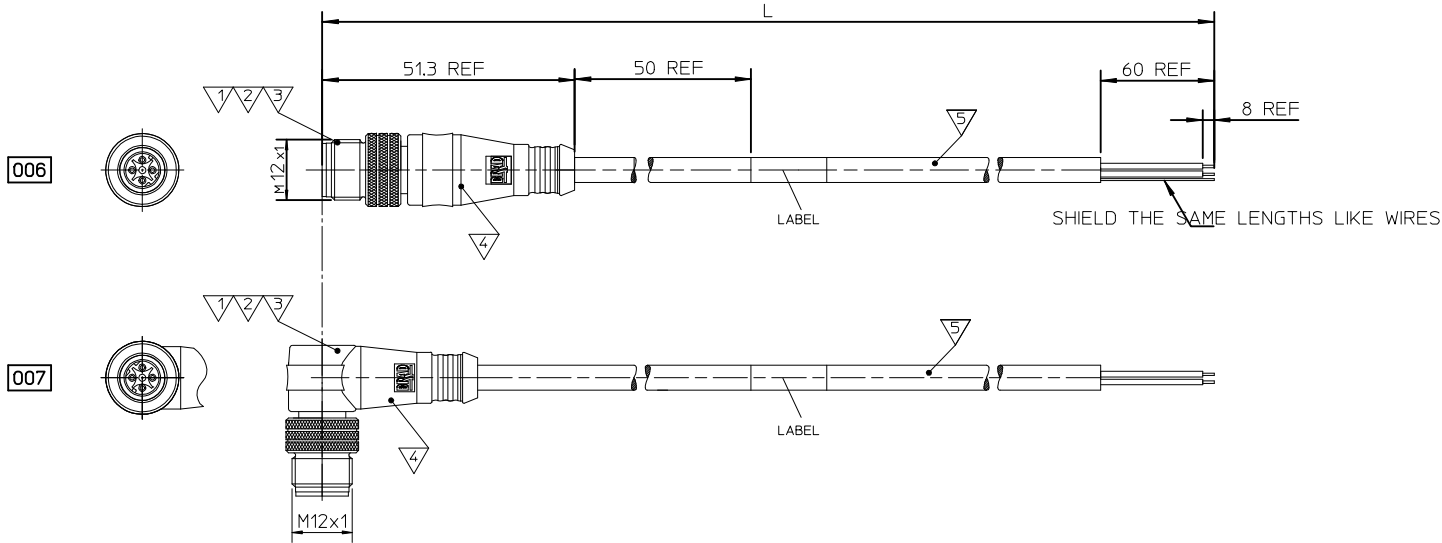
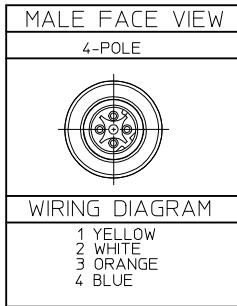
ITEM	PART	MATERIAL	FINISH
5	CABLE	1202098084	---
4	OVERMOULDING	TPU UF NATURAL C98A10	---
4	OVERMOULDING	MASTERBATCH COLORANT	---
3	COUPLING NUT	SEE SPECIAL TYPES	---
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

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.	

SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION
TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI		
molex		SHEET NO. 1 OF 2
SEE PAGE 2		DOCUMENT NO. SD-130048-008
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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CONNECTOR SPECIFICATION:




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AMPERAGE RATING	1.5 A
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 75°C

ITEM	PART	MATERIAL	FINISH
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ORIGINAL RELEASE EC NO: IPG2013-0772 DRWN:MDYSZEWSKA 2012/11/24 CHKD:HWALCZAK 2012/11/24 APPR:MIWASIECZKO 2012/12/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION	
	▽=0 ◻=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	mm INCH DRAWN BY: MDYSZEWSKA DATE: 2012/11/24 CHECKED BY: HWALCZAK DATE: 2012/11/24 APPROVED BY: MIWASIECZKO DATE: 2012/12/21	MM ONLY	---	METRIC	TITLE: CSE ETH 4P DC PUR MA XM SE SHLD GN NI molex
	ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE PAGE 2	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	SD-130048-008 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  = 0.05	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION		
						DRAWN BY MDYSZEWSKA	DATE 2012/11/24	TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI			
						CHECKED BY HWALCZAK	DATE 2012/11/24	molex DOCUMENT NO. SD-130048-008 SHEET NO. 2 OF 2			
						APPROVED BY MIWASIECZKO	DATE 2012/12/21				
				MATERIAL NO. SEE CHART 1	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  =0.05	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION		
						DRAWN BY MDYSZEWSKA	DATE 2012/11/24	TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI			
						CHECKED BY HWALCZAK	DATE 2012/11/24	APPROVED BY MIWASIECZKO			
						DATE 2012/12/21	MATERIAL NO. SEE CHART 1	DOCUMENT NO. SD-130048-008	SHEET NO. 2 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±---°		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				