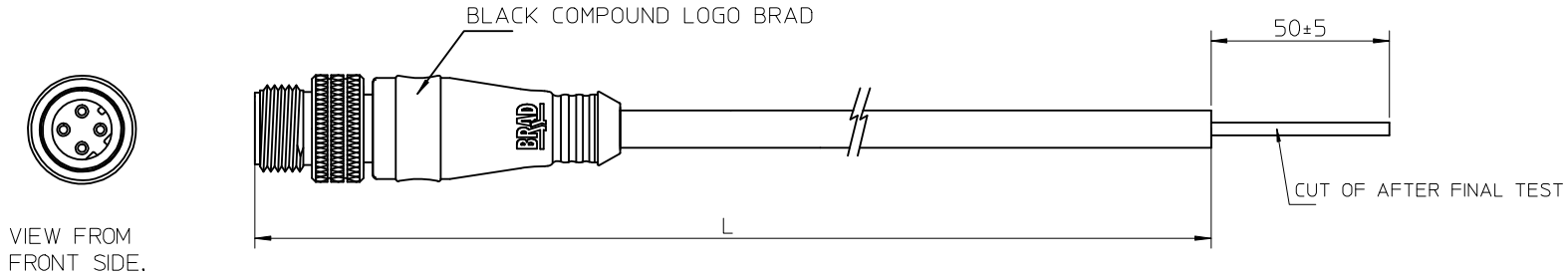


Table of length tolerances

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

Molex P/N:	ENG P/N:	L [mm]
1300480281	E10A00611M050	5000
1300480282	E10A00611M100	10000
1300480283	E10A00611M200	20000
1300480284	E10A00611M300	30000
1300480285	E10A00611M500	50000

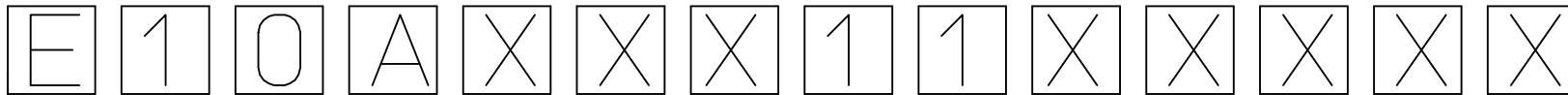
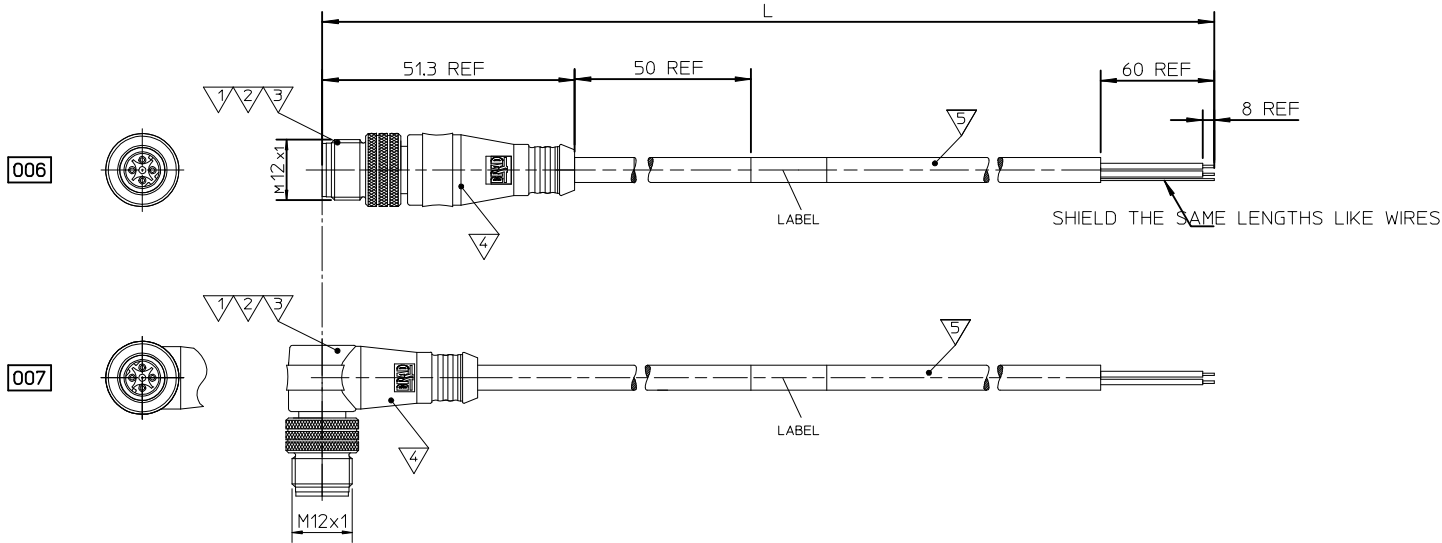
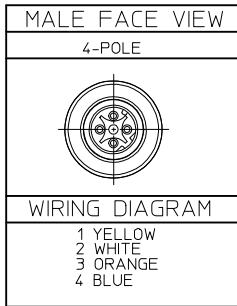


CABLE SPECIFICATION

No. OF CONDUCTORS: 4
 STRANDING: 7x30AWG
 CROSS SECTION: 0,34mm
 OUTER JACKET: GREEN PUR
 TEMPERATURE RATING:
 OPERATING: -20° to 60°C
 STORAGE: -40° to 80°C

SILICONE FREE
 HALOGEN FREE

ORIGINAL RELEASE EC NO: IPG2014-0291 DRWN: MDYSZEWSKA 2012/11/14 CHKD: JMARSZALEK 2013/11/28 APPR: MIWASIECZKO 2013/11/28	DESCRIPTION A	QUALITY SYMBOLS	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 2012/11/14 CHECKED BY DATE JMARSZALEK 2013/11/28 APPROVED BY DATE MIWASIECZKO 2013/11/28 MATERIAL NO. SEE CHART 1	SCALE - DESIGN UNITS METRIC FIRST ANGLE PROJECTION	TITLE CSE M12 4P DC MA STR PUR XM SE SHLD GN BRA NI molex DOCUMENT NO. SD-130048-005 SHEET NO. 1 OF 1
		▽=0 ∇=0				
		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		REV A				
		A				



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

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
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	2012/12/21
MATERIAL NO.	
SEE PAGE 2	
SIZE	A3

SCALE	---
DESIGN UNITS	METRIC
FIRST ANGLE PROJECTION	
TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI	
molex	
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  =0.05	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				
				ANGULAR ±---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				