

VIEW FROM WIRES SIDE

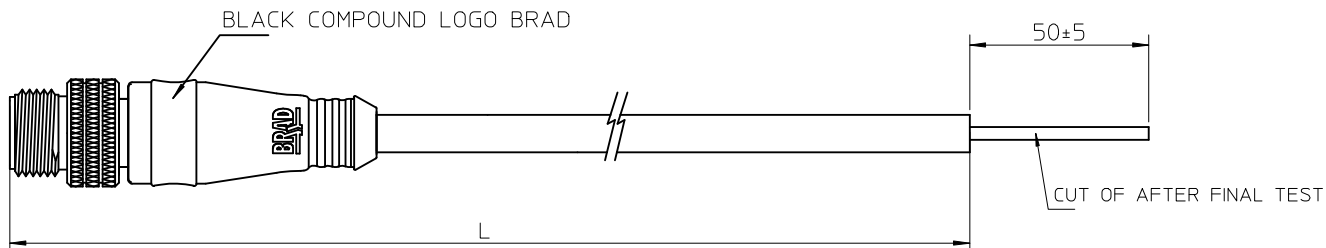
Pin	Wire color	Wire color
1	Yellow	YE
2	White	WH
3	Orange	OG
4	Blue	BU

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



VIEW FROM
FRONT SIDE.



CABLE SPECIFICATION

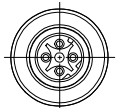
No. OF CONDUCTORS: 4
STRANDING: 7x30AWG
CROSS SECTION: 0,34mm
OUTER JACKET: GREEN PUR
TEMPERATURE RATING:
OPERATING: -20° to 60°C
STORAGE: -40° to 80°C

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	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION								
				mm	INCH	DRAWN BY MDYSZEWSKA	DATE 2012/11/14	TITLE CSE M12 4P DC MA STR PUR XM SE SHLD GN BRA NI									
			4 PLACES	± ---	± ---	CHECKED BY	DATE										
			3 PLACES	± ---	± ---	JMARSZALEK	2013/11/28	molex									
			2 PLACES	± ---	± ---	APPROVED BY	DATE										
			1 PLACE	± ---	± ---	MIWASIECZKO	2013/11/28						DOCUMENT NO. SD-130048-005				
			0 PLACE	± ---	± ---	MATERIAL NO.											
			ANGULAR ±---°			SEE CHART 1											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
			A														
REV																	

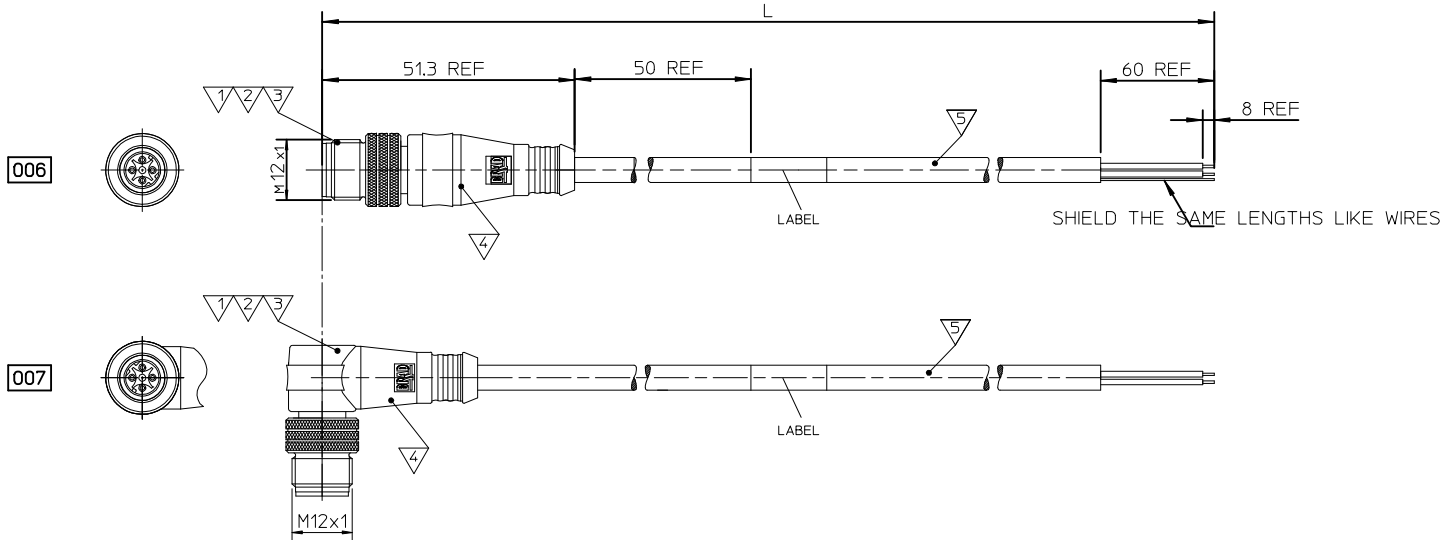
MALE FACE VIEW

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 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

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

DESCRIPTION
REV
A

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

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

F

E

D

C

B

A

SEE CHART 1

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

F

E

D

C

B

A

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