



Network Protocol E-Ethernet	First and Second Connector 1=M12 Threaded 4 Pole D-code	Wiring Scheme A=4 Pole	HEAD TYPE 060 Plugs male and male straight 063 Plugs male 90° and male 90°	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)
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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	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

PN ADDED	IPG2014-1381
EC NO:	IPG2014-1381
DRWING DRAFTER	DRWING DRAFTER
CHKD:	JMARSZALEK 2014/02/03
APPR:	MIWASIECZKO 2014/02/04
REV	B1

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 ETH 4P DC PVC XM DE SHLD NI
<b>molex</b>	
DOCUMENT NO.	SD-130048-006
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

1300480009	E11A06015M030
1300480010	E11A06015M200
1300480011	E11A06015M400
1300480122	E11A06015M010
1300480124	E11A06015M020
1300480126	E11A06015M050
1300480128	E11A06015M100
1300480130	E11A06015M150
1300480132	E11A06015M300
1300480303	E11A06015M500
1300480304	E11A06015M680
1300488007	E11A06015M250
1300488012	E11A06015M040
1300488108	E11A06015M600
1300488109	E11A06015M800
1300480177	E11A06315M006
1300480179	E11A06315M010
1300480181	E11A06315M020
1300480183	E11A06315M050
1300480185	E11A06315M100
1300488073	E11A06315M030

PN ADDED EC NO: IPG2014-1381 DRWINGDSTACHOWIAK 2014/02/03 CHKD:JMARSZALEK 2014/02/03 APPR:MIWASIECZKO 2014/02/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
	=0 =0		mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	± ---	± ---	MDYSZEWSKA	2012/11/24	CSE ETH ETH 4P DC PVC XM			
		3 PLACES	± ---	± ---	CHECKED BY	DATE	DE SHLD NI			
2 PLACES		± ---	± ---	HWALCZAK	2012/11/24					
1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO.					SHEET NO.
0 PLACE	± ---	± ---	MIWASIECZKO	2013/01/21	SEE CHART 1		SD-130048-006		2 OF 2	
	ANGULAR ± --- °	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					