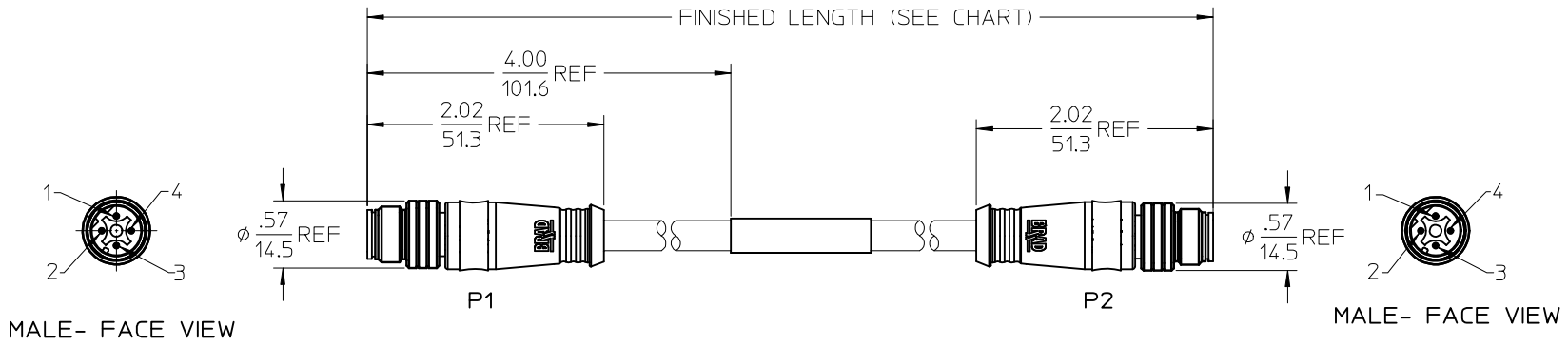


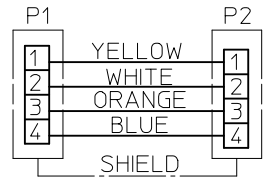
ADDITIONAL CABLE PARAMETERS

PHYSICAL CHARACTERISTICS:	
CONDUCTOR PAIR SIZE	#22 (7 X #30) BARE COPPER ALLOY
WIRE CROSS SECTION	0.34mm² (NOM.)
INSULATION TYPE	POLYOLEFIN INSULATION
FOIL SHIELD	PLASTIC/ALUMINIUM FOIL WITH FOIL OUT
BRAID SHIELD	TINNED COPPER BRAID WITH MIN. 85% COVERAGE
OUTSIDE DIAMETER	Ø 6.7mm (.264")
JACKET INSULATION	GREEN PUR
PROFINET CABLE STYLE	TYPE C

ENVIRONMENTAL CHARACTERISTICS:	
FLAME RESISTANCE	FT1 APPROVED
AGENCY CERTIFICATIONS	UL AND CSA
OPERATION TEMPERATURE	-20°C TO 60°C
STORAGE TEMPERATURE	-40°C TO 80°C
HALOGEN FREE	IEC 60754-1
SILICONE FREE	YES
CFC-FREE	YES

MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS:	
MIN. BENDING RADIUS	15xCABLE DIAMETER
OPERATING WAY	5M OF TRAVEL
SPEED	200M/Min.
MAX. C-TRACK CYCLES	5 MILLION
ACCELERATION	MAX. 2m/s
WELD SLAG RESISTANCE	NO TEST RESULTS AVAILABLE

IMPRINT: X N X 2x2xAWG22/7-9H(ST)C11Y INDUSTRIAL ETHERNET PROFINET TYP C E48408 cULus AWM STYLE 20236 AWM I/II A/B 80°C 30 V FT1



WIRING DIAGRAM

NOTES:

1) MATERIAL: SEE TABLE
2) FINISHES: SEE TABLE
3) CABLE: #22/4 SHIELDED PUR
4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 60°C
6) WRAP LABEL IS MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE.
7) ASSEMBLY IS RoHS COMPLIANT.

QTY.	DESCRIPTION	MATERIAL	FINISH
1	LABEL	PLASTIC FILM	BLACK/YELLOW
2	INSERT	PUR	BLACK
8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
2	M12 COUPLING NUT	BRASS	NICKEL
2	OVERMOLD	PUR	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN

ADDED PART NO. TABLE
EC NO: IPG2015-2010 2015/05/22
DRWN:GGUSTAFSON 2015/07/16
CHKD:BARDEN
APPR:BWOODMAN 2015/06/09
DESCRIPTION
REV E

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± .020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

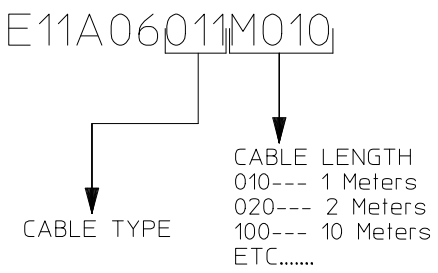
DRAWN BY: BRUPERT DATE: 2011/11/23
CHECKED BY: DATE:
APPROVED BY: JFMURPHY DATE: 2012/04/17

TITLE: MIC 4P M/MP ST/ST D-CODE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-120108-041
SHEET NO.: 1 OF 2
SIZE: B

MATERIAL NO.	ENGINEERING NO.
1201080236	E11A06011M010
1201080199	E11A06011M020
1201080237	E11A06011M030
1201080213	E11A06011M040
1201080238	E11A06011M050
1201080239	E11A06011M060
1201080240	E11A06011M070
1201080241	E11A06011M080
1201080242	E11A06011M090
1201080243	E11A06011M100
1201080244	E11A06011M120
1201080245	E11A06011M140
1201080246	E11A06011M150
1201080247	E11A06011M180
1201080248	E11A06011M200
1201080249	E11A06011M240
1201080256	E11A06011M250
1201080250	E11A06011M300
1201080257	E11A06011M350
1201080281	E11A06011M400
1201080251	E11A06011M500
1201080282	E11A06011M600
1201080283	E11A06011M700
1201080287	E11A06011M750
1201080284	E11A06011M800
1201080288	E11A06011M900
1201088201	E11A06011T100



ADDED PART NO. TABLE
EC NO: IPG2015-2010 2015/05/22
DRWN:GGUSTAFSON 2015/07/16
CH'KD:BARDEN
APPR:BWOODMAN 2015/06/09
DESCRIPTION
REV
E

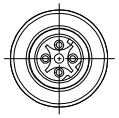
QUALITY SYMBOLS
▼=0
Ⓒ=0

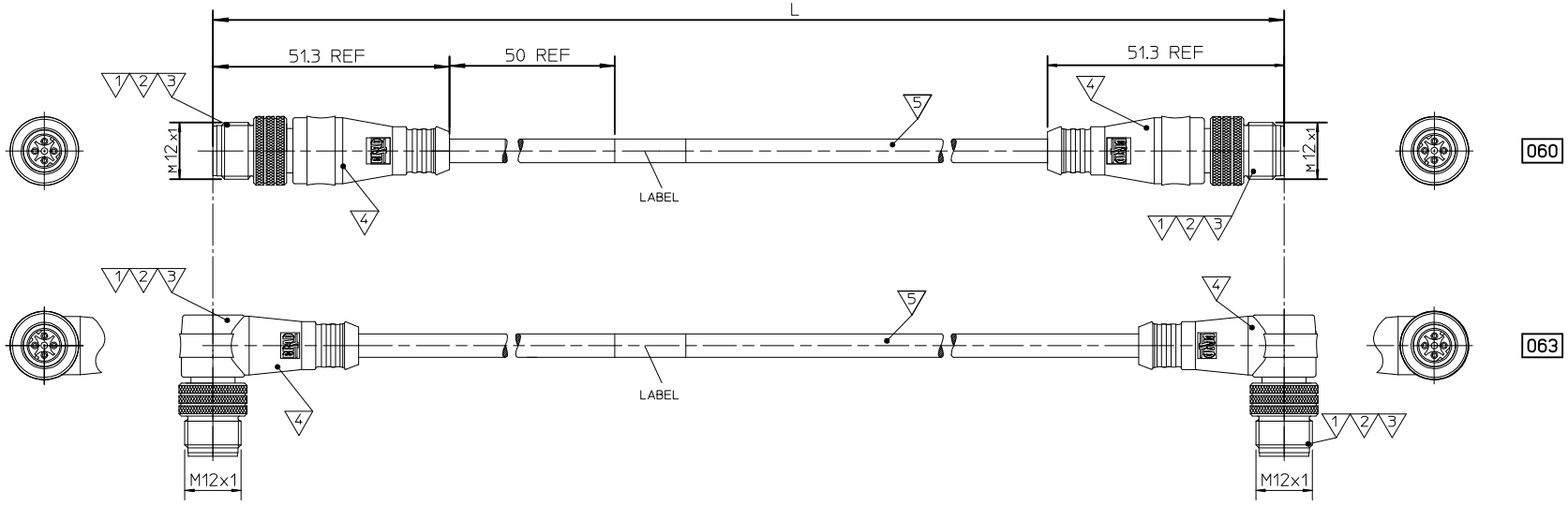
GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± .020
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION
DRAWN BY: BRUPERT DATE: 2011/11/23
CHECKED BY: DATE:
APPROVED BY: JFMURPHY DATE: 2012/04/17
MATERIAL NO.: SEE CHART
TITLE: MIC 4P M/MP ST/ST D-CODE
molex
DOCUMENT NO.: SD-120108-041
SHEET NO.: 2 OF 2
SIZE: B

MALE FACE VIEW
4-POLE

WIRING DIAGRAM
1 WHITE/ORANGE 2 WHITE/GREEN 3 ORANGE 4 GREEN



E	1	1	A	X	X	X	1	5	X	X	X	X	X

- Networ 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)

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

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

PN ADDED
EC NO: IPG2014-1381 2014/02/03
DRWN:DSTACHOWIAK 2014/02/03
CH'KD:JMARSZALEK 2014/02/03
APPR:MIWASIECZKO 2014/02/04
DESCRIPTION
B1
REV

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
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

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

TITLE: CSE ETH ETH 4P DC PVC XM DE SHLD NI

molex

DOCUMENT NO.: SD-130048-006
SHEET NO.: 1 OF 2
SIZE: A3

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 2014/02/03
DRWN:DSTACHOWIAK 2014/02/03
CH'KD:JMARSZALEK 2014/02/03
APPR:MIWASIECZKO 2014/02/04
DESCRIPTION
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
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MDYSZEWSKA DATE: 2012/11/24
CHECKED BY: HWALCZAK DATE: 2012/11/24
APPROVED BY: MIWASIECZKO DATE: 2013/01/21

TITLE: CSE ETH ETH 4P DC PVC XM DE SHLD NI

molex

MATERIAL NO.: SEE CHART 1
DOCUMENT NO.: SD-130048-006
SHEET NO.: 2 OF 2
SIZE: A3

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9