



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



F

E

D

C

B

A

F

E

D

C

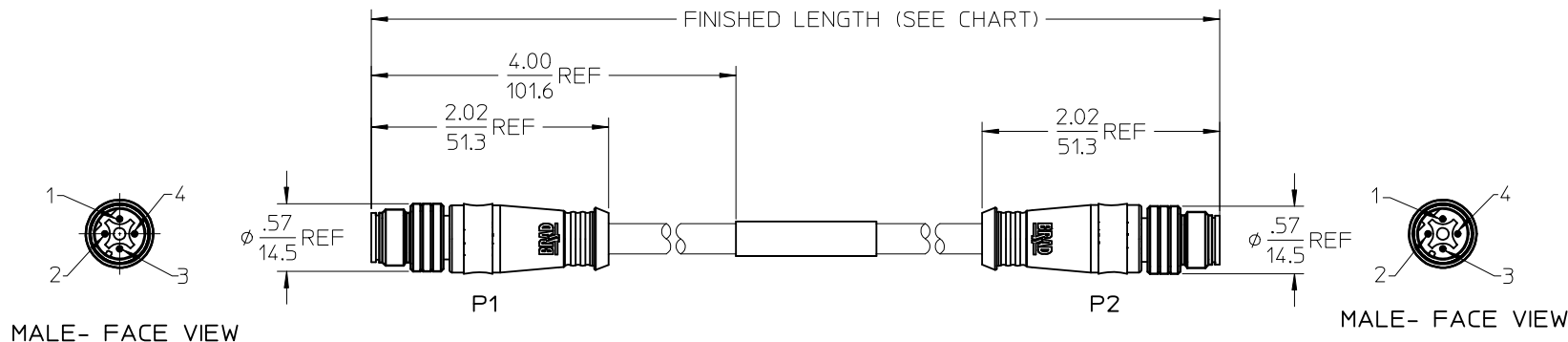
B

A

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 DRWN:DSTACHOWIAK 2014/02/03 CHKD: JMARSZALEK 2014/02/03 APPR:MIWASIECZKO 2014/02/04	QUALITY SYMBOLS ▽=0 ◻=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION	
					MM ONLY		---	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE CSE ETH ETH 4P DC PVC XM DE SHLD NI		
			4 PLACES	± ---	± ---	MDYSZEWSKA	2012/11/24			
			3 PLACES	± ---	± ---	CHECKED BY	DATE			
			2 PLACES	± ---	± ---	HWALCZAK	2012/11/24			
			1 PLACE	± ---	± ---	APPROVED BY	DATE			
			0 PLACE	± ---	± ---	MIWASIECZKO	2013/01/21			
			ANGULAR ±---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART 1		SD-130048-006		2 OF 2
REV B1			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

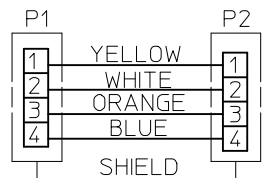


ADDITIONAL CABLE PARAMETERS

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:		MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS:	
FLAME RESISTANCE	FT1 APPROVED	MIN. BENDING RADIUS	15xCABLE DIAMETER
AGENCY CERTIFICATIONS	UL AND CSA	OPERATING WAY	5M OF TRAVEL
OPERATION TEMPERATURE	-20°C TO 60°C	SPEED	200M/Min.
STORAGE TEMPERATURE	-40°C TO 80°C	MAX. C-TRACK CYCLES	5 MILLION
HALOGEN FREE	IEC 60754-1	ACCELERATION	MAX. 2m/s
SILICONE FREE	YES	WELD SLAG RESISTANCE	NO TEST RESULTS AVAILABLE
CFC-FREE	YES		

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

UPDATED PART NUMBERS EC NO: IPG2016-0189 DRWN:GUSTAFSON 2015/08/03 CHKD:BRUPERT 2015/10/02 APPR:BRUODMAN 2015/08/14		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □		
				mm INCH		DRAWN BY BRUPERT		DATE 2011/11/23	TITLE MIC 4P M/MP ST/ST D-CODE			
				4 PLACES ± --- ± ---		CHECKED BY		DATE				
				3 PLACES ± --- ± .005								
				2 PLACES ± 0.13 ± .010								
				1 PLACE ± 0.25 ± .020		APPROVED BY JFMURPHY		DATE 2012/04/17	molex MOLEX INCORPORATED			
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-120108-041				
						SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

1098765432120108

F
E
D
C
B
A

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
1201088256	E11A06011M250
1201080250	E11A06011M300
1201088257	E11A06011M350
1201080281	E11A06011M400
1201080251	E11A06011M500
1201080282	E11A06011M600
1201080283	E11A06011M700
1201080287	E11A06011M750
1201080284	E11A06011M800
1201080288	E11A06011M900
1201088201	E11A06011T100

E11A06011M010

CABLE TYPE

CABLE LENGTH
010--- 1 Meters
020--- 2 Meters
100--- 10 Meters
ETC.....

654321

UPDATED PART NUMBERS
EC NO: IPG2016-0189
TDRWNG:GUSTAFSON 2015/08/03
CHKD:BRUPERT 2015/10/02
APPR:BMOODMAN 2015/08/14

DESCRIPTION
REV

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
DRAWN BY DATE
BRUPERT 2011/11/23
CHECKED BY DATE
APPROVED BY DATE
JFMURPHY 2012/04/17
MATERIAL NO.
SEE CHART
SIZE B

SCALE
1:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
TITLE
MIC 4P M/MP ST/ST D-CODE
DOCUMENT NO.
SD-120108-041
SHEET NO.
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

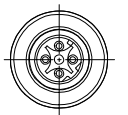
987654321

tb_frame_B_P_AM-T
Rev E1 2012/01/25

987654321

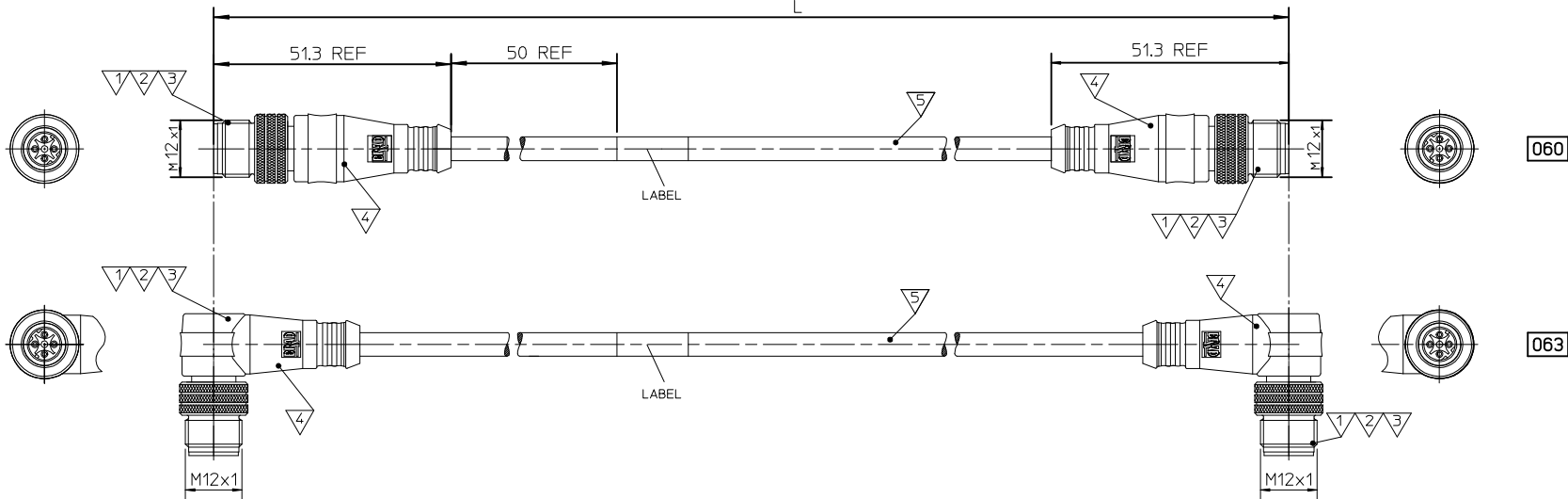
MALE FACE VIEW

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

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
EC NO: IPG2014-1381
DRW:GDSTACHOWIAK 2014/02/03
CHKD: JARSZALEK 2014/02/03
APPR: MIWASIECZKO 2014/02/04

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	2013/01/21

MATERIAL NO.
SEE PAGE 2

SCALE

DESIGN UNITS
METRIC

FIRST ANGLE PROJECTION

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

molex

DOCUMENT NO.
SD-130048-006

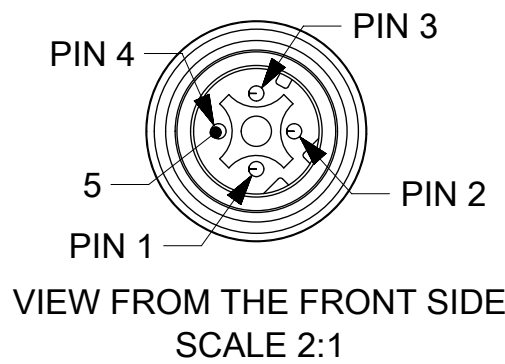
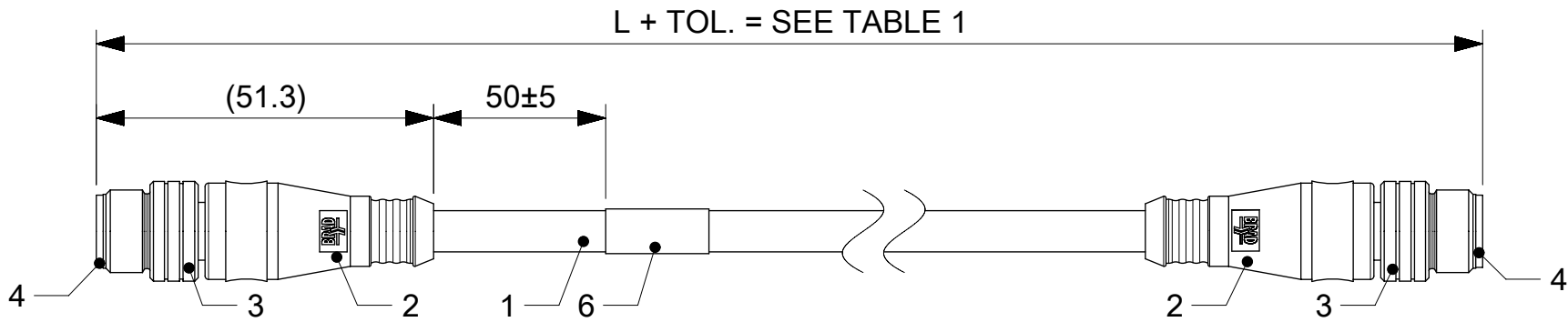
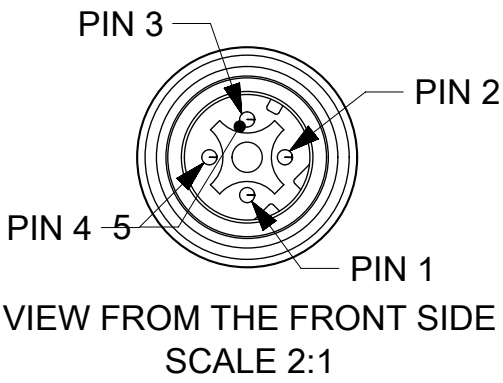
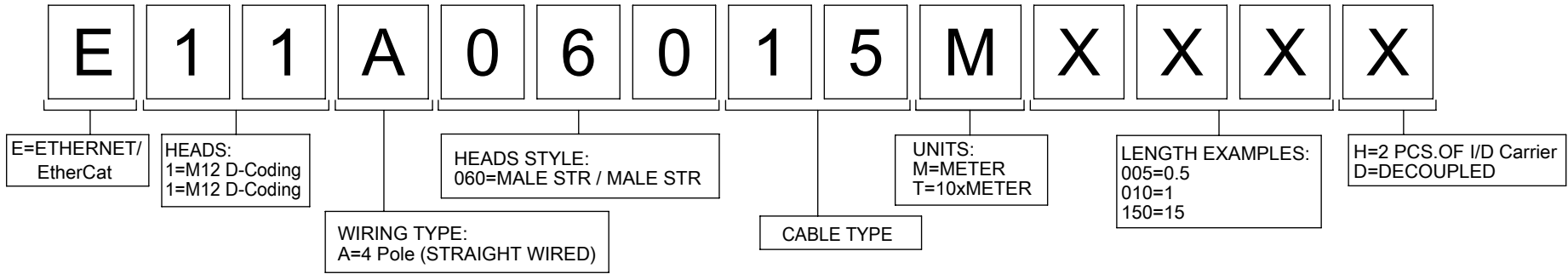
SHEET NO.
1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CABLE SPECIFICATION

CONDUCTOR:
MATERIAL: TINED COPPER
SECTION: 26AWG
INSULATION:
COMPOUND: POLYOLEFIN
JACKET:
COMPOUND: PVC
COLOR: TEAL
NOM. DIAMETER: 5.99mm
TEMPERATURE RATING:
-20°C TO +75°C
VOLTAGE RATING MAX: 300V RMS
DIELECTRIC WITHSTANDING MIN: 1500V RMS

PART No MATRIX



WIRING DIAGRAM

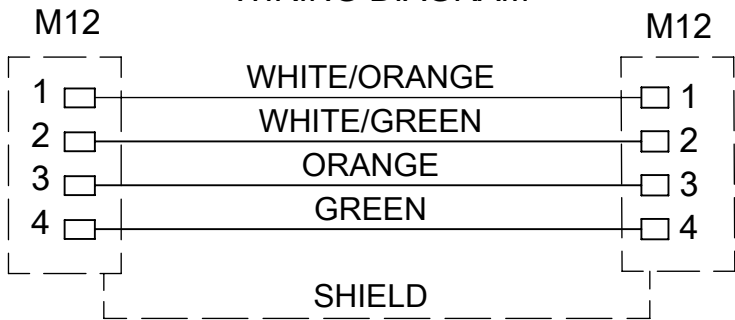


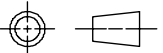
TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE (+)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	LABEL WH	-	-
5	8	CONTACT MA	COPPER ALLOY	GOLD OVER NICKEL
4	2	INSERT MA 4P DC BK	PUR	-
3	2	COUPLING NUT	BRASS	NICKEL
2	-	MOULDING MATERIAL BK	TBU	-
1	-	CABLE 4x26AWG CAT5E TEAL	PVC	-

TABLE 1

MOLEX PN	ENGINEERING No	L [mm]	MOLEX PN	ENGINEERING No	L [mm]	MOLEX PN	ENGINEERING No	L [mm]
1300480009	E11A06015M030	3000	1300488109	E11A06015M800	80000	1300488165	E11A06015M420	42000
1300480010	E11A06015M200	20000	1300488113	E11A06015M350	35000	1300488166	E11A06015M450	45000
1300480011	E11A06015M400	40000	1300488125	E11A06015M110	11000	1300488167	E11A06015M460	46000
1300480122	E11A06015M010	1000	1300488126	E11A06015M120	12000	1300488168	E11A06015M540	54000
1300480123	E11A06015M010D	1000	1300488127	E11A06015M140	14000	1300488169	E11A06015M550	55000
1300480124	E11A06015M020	2000	1300488128	E11A06015M060	6000	1300488170	E11A06015M570	57000
1300480125	E11A06015M020D	2000	1300488145	E11A06015M070	7000	1300488171	E11A06015M610	61000
1300480126	E11A06015M050	5000	1300488146	E11A06015M080	8000	1300488172	E11A06015M650	65000
1300480128	E11A06015M100	10000	1300488147	E11A06015M090	9000	1300488173	E11A06015M700	70000
1300480130	E11A06015M150	15000	1300488148	E11A06015M130	13000	1300488174	E11A06015M750	75000
1300480132	E11A06015M300	30000	1300488159	E11A06015M005	500	1300488175	E11A06015M850	85000
1300480303	E11A06015M500	50000	1300488160	E11A06015M180	18000	1300488176	E11A06015M900	90000
1300480304	E11A06015M680	68000	1300488161	E11A06015M230	23000	1300488177	E11A06015M950	95000
1300488007	E11A06015M250	25000	1300488162	E11A06015M270	27000			
1300488012	E11A06015M400	4000	1300488163	E11A06015M340	34000			
1300488108	E11A06015M600	60000	1300488164	E11A06015M380	38000			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
EC NO: 118675 DRWN: DSTACHOWIAK CHK'D: APPR: MIWASIECZKO	2017/06/28	2017/06/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®				
					MM		2:1						
			ANGULAR TOL ± °		DRWN BY		DATE		CSE M12 ETH 4P DC MA MA STR PVC XM DE				
					DSTACHOWIAK		2017/06/26						
			4 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING				
			3 PLACES ±										
			2 PLACES ±										
			1 PLACE ±		APPR BY		DATE						
			0 PLACES ±										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MIWASIECZKO		2017/06/28		SERIES		MATERIAL NUMBER		CUSTOMER
DRAWING SIZE		THIRD ANGLE PROJECTION			130048		SEE TABLE 1		GENERAL MARKET				
		A3				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
						1300488146		PSD		000		1 OF 1	