



NOTES:

MECHANICAL
RJ45
 PLUG: CLEAR POLYCARBONATE
 BOOT: BLACK PVC

M12 CONNECTOR
 INSERT: BLACK PUR
 CONTACT: GOLD/NICKEL OVER COPPER ALLOY
 COUPLING NUT: NICKEL PLATED BRASS
 MOLDED BODY: BLACK PUR

CABLE: 24 AWG 2 PAIR CONDUCTORS ORANGE TPE JACKET
 UL LISTED: AWM 20626
 BELDEN P/N: YM53186NH1R

WRAP LABEL: MARKED WITH P/N, DATE CODE,
 VOLTAGE & AMPERAGE

ELECTRICAL
 ACCORDING TO CAT5e
 VOLTAGE RATING: 30V AC/DC
 AMPERAGE: 1.5A



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED BORDER, ADDED NEW PNS, CLEANED UP COLORS	
DIVISIONAL SYMBOLS	INCH		1:1	
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS		mm	INCH	EC NO: 759239
	4 PLACES	±----	±----	DRWN: HENRYB1 2023/08/09
	3 PLACES	±----	±0.005	CHK'D: RSTONE 2023/08/15
	2 PLACES	±0.13	±0.01	APPR: BWOODMAN 2023/08/15
	1 PLACE	±0.25	±0.02	INITIAL REVISION:
	0 PLACES	±----	±----	DRWN: BARDEN 2013/04/19
	ANGULAR TOL ± 0.5 °		APPR: BWOODMAN 2013/06/04	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A-SIZE
			SERIES 120108	MATERIAL NUMBER SEE PN LEGEND
				CUSTOMER GENERAL MARKET
				SHEET NUMBER 2 OF 2

molex

M12 TO RJ45 CORDSET

4P MALE M12/RJ45 ST #24-2P ORANGE TPE CAT5E

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-120108-060

DOC TYPE: PSD

DOC PART: 001

REVISION: C

MATERAIL NO.	ENGINEERING NO.
1201080304	E16A06008M010
1201080783	E16A06008M020
1201080784	E16A06008M030
1201080785	E16A06008M040
1201080352	E16A06008M050
1201080786	E16A06008M060
1201080787	E16A06008M080
1201080788	E16A06008M090
1201080353	E16A06008M100
1201080354	E16A06008M120
1201080355	E16A06008M150
1201080356	E16A06008M200
1201080357	E16A06008M250
1201080358	E16A06008M300
1201080789	E16A06008M350
1201080359	E16A06008M400
1201080790	E16A06008M450
1201080791	E16A06008M500
1201080792	E16A06008M550
1201080793	E16A06008M600
1201080794	E16A06008M650
1201080795	E16A06008M700
1201080796	E16A06008M750
1201080797	E16A06008M800

PART NUMBER LEGEND

E16A06008MXXX

↓
LENGTH
M010 - 1M
M050 - 5M
M200 - 20M

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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
 	DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED BORDER, ADDED NEW PMS, CLEANED UP COLORS							molex		
	INCH	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)									
DIVISIONAL SYMBOLS		mm	INCH	EC NO: 759239		2023/08/09		4P MALE M12/RJ45 ST #24-2P ORANGE TPE CAT5E				
	4 PLACES	±----	±----	DRWN: HENRYB1		2023/08/15		PRODUCT CUSTOMER DRAWING				
	3 PLACES	±----	±0.005	CHK'D: RSTONE		2023/08/15						
	2 PLACES	±0.13	±0.01	APPR: BWOODMAN		2023/08/15		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	1 PLACE	±0.25	±0.02	INITIAL REVISION:		2013/04/19		SD-120108-060		PSD	001	C
0 PLACES	±----	±----	DRWN: BARDEN		2013/06/04		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	ANGULAR TOL ± 0.5 °		APPR: BWOODMAN		2013/06/04		SEE PN LEGEND		GENERAL MARKET		1 OF 2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A-SIZE	120108	SEE PN LEGEND		GENERAL MARKET		1 OF 2	