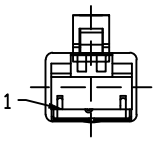
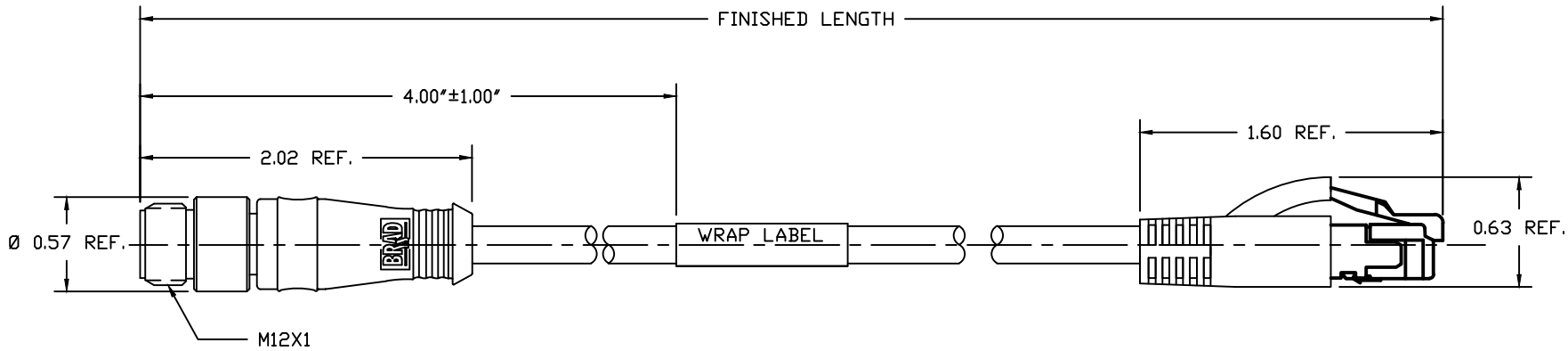
FRONT VIEW – MALE RJ45

1-WHITE/ORANGE 2-ORANGE 3-WHITE/GREEN 6-GREEN



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

©

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE
FA=0 FC=0 FP=0	INCH	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±0.005
2 PLACES	±0.13	±0.01
1 PLACE	±0.25	±0.02
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		

DIVISIONAL SYMBOLS

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED BORDER, ADDED NEW PNS, CLEANED UP COLORS

EC NO: 759239
DRWN: HENRYB1 2023/08/09
CHK'D: RSTONE 2023/08/15
APPR: BWOODMAN 2023/08/15

INITIAL REVISION:
DRWN: BARDEN 2013/04/19
APPR: BWOODMAN 2013/06/04

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-060	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A-SIZE	120108	SEE PN LEGEND	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/15 19:11:16

FORMAT: IN-ACAD-tb-prod-A
REVISION: C
DATE: 2022/10/04

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

©

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/15 19:11:16

FORMAT: IN-ACAD-tb-prod-A
REVISION: C
DATE: 2022/10/04

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

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DIMENSION UNITS: INCH
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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1 PLACE	±0.25	±0.02
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED BORDER, ADDED NEW PNS, CLEANED UP COLORS

EC NO: 759239
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INITIAL REVISION:
DRWN: BARDEN 2013/04/19
APPR: BWOODMAN 2013/06/04

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 120108

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-060	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PN LEGEND	GENERAL MARKET	1 OF 2