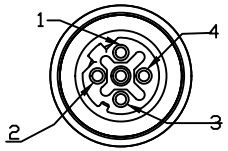
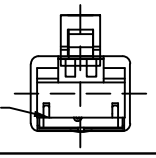
FRONT VIEW – MALE M12

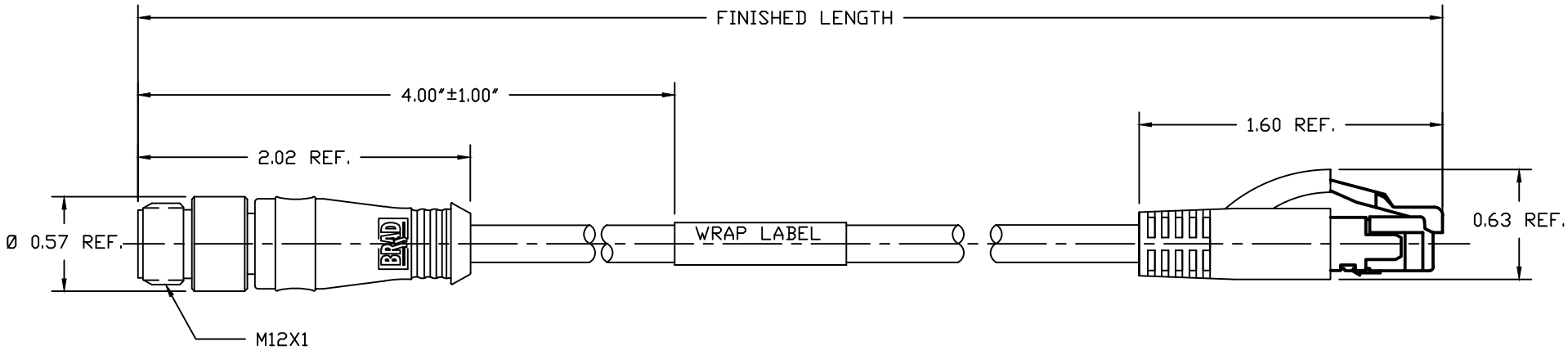


1-WHITE/ORANGE
2-WHITE/GREEN
3-ORANGE
4-GREEN

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 BLUE TPE JACKET
UL LISTED: CMR
CSA LISTED: CMG
BELDEN P/N: YM53146006R

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

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

Ⓓ

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

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

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

DIMENSION UNITS: INCH
SCALE: 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 °		

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 2013/02/15
APPR: JFMURPHY 2013/04/18

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

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-053	PSD	001	D

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

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

MATERIAL NO.	ENGINEERING NO.
1201088184	E16A06006M005
1201088148	E16A06006M010
1201088149	E16A06006M020
1201088150	E16A06006M030
1201088151	E16A06006M040
1201088152	E16A06006M050
1201088153	E16A06006M060
1201088154	E16A06006M070
1201088155	E16A06006M080
1201088156	E16A06006M090
1201088157	E16A06006M100
1201088158	E16A06006M120
1201088185	E16A06006M140
1201088159	E16A06006M150
1201088160	E16A06006M180
1201088161	E16A06006M200
1201088162	E16A06006M250
1201088163	E16A06006M300
1201080681	E16A06006M350
1201088164	E16A06006M400
1201080682	E16A06006M450
1201088165	E16A06006M500
1201080683	E16A06006M550
1201080779	E16A06006M650
1201080780	E16A06006M700
1201080781	E16A06006M750
1201080782	E16A06006M800

Ⓓ

PART NUMBER LEGEND

E16A06006MXXX

LENGTH

M010 - 1 Meters
M050 - 5 Meters
M200 - 20 Meters

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

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

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-053	PSD	001	D

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