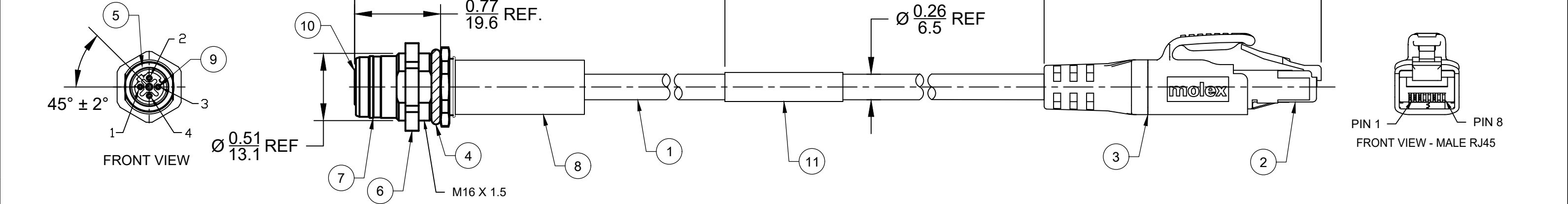


CABLE LENGTH TOLERANCES			
>.3M [1FT]: +19mm-0 [+.75in-0]			
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]			
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]			
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]			
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]			
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]			
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]			
OVER 30M [100FT] +2% OF FINISHED LENGTH			



- NOTES:
- MECHANICAL:
- PROTECTION:
- IP20 RJ45 END
- IP67 M12 END
- MIC RECEPTACLE INTERNAL THREAD: M12 X 1
- WRAP LABEL:
- MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE
- ELECTRICAL
- ACCORDING TO CAT5e
- VOLTAGE RATING: 125V AC/DC
- AMPERAGE: 1.5A

11	WRAP ID LABEL	VINYL	BLACK/YELLOW
10	M12 FEMALE INSERT	TPU	BLACK
9	M12 SOCKET CONTACTS	COPPER ALLOY	GOLD PLATED
8	HOUSING	BRASS	NICKEL PLATED
7	FEMALE RECEPTACLE SHELL	BRASS	NICKEL PLATED
6	M16 X 1.5 PANEL NUT	BRASS	NICKEL PLATED
5	MATING O-RING	VITON	RED
4	PANEL O-RING	NBR	BLACK
3	RJ45 OVERMOLD	TPU	BLACK
2	RJ45 PLUG	POLYCARBONATE	CLEAR
1	CABLE #24-2 TP SHIELDED	TPU	TEAL
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/23	22:12:19
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CABLE TYPE

24 AWG TPU-TEAL

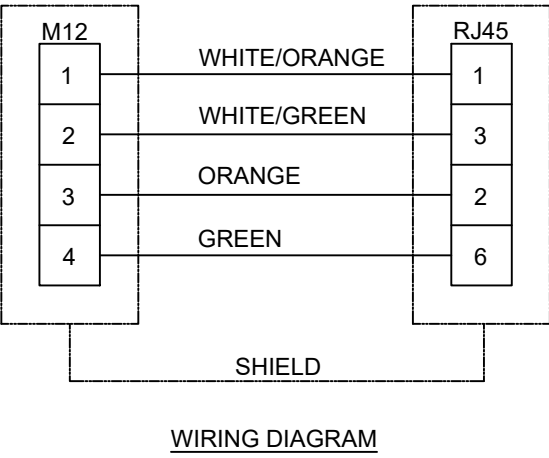
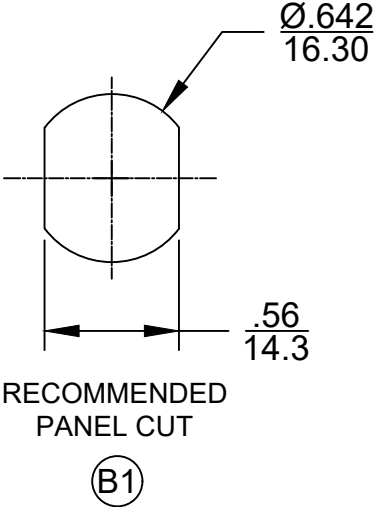
ERWPAU7016M005

LENGTH

M005 - 0.5M

M050 - 5M

M250 - 25M



ADDITIONAL CABLE INFORMATION	
PHYSICAL CHARACTERISTICS:	
CONDUCTOR SIZE	24AWG 2 PAIR (19/0.12mm) BARE COPPER
INSULATION MATERIAL	POLYOLEFIN
SHIELD/BRAID	TINNED COPPER 85% COVERAGE
JACKET MATERIAL	TPU (TEAL)
CONDUCTOR	ORANGE, ORANGE-WHITE & GREEN, GREEN-WHITE
TAPE	ALUMINUM-POLYESTER

CABLE:	
TEMPERATURE RATING (STORAGE)	-40 / +80°C
TEMPERATURE RATING (OPERATION)	-20 / +50°C
WELD SLAG RESISTANCE	YES, S-300 MOLEX TEST
FREE SUBSTANCE'S	FCKW, SILICONE, AND PB
FIRE PERFORMANCE	IEC60332-1, UL1581
OIL RESISTANCE	ISO6722, UL758/2556

FUNCTIONAL SYMBOLS

F

A

=0

F

C

=0

F

P

=0

DIVISIONAL SYMBOLS

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

DIMENSION UNITS

INCH/MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----

ANGULAR TOL

± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

120108

CURRENT REV DESC: ADD TOLERANCE BLOCK, UPDATE INSERT MATERIAL, NOTES, UPDATE TO LATEST STANDARD, ADD PANEL CUT, ADD CABLE DIA.

EC NO: 639958

DRWN: MZIELINSKI

CHK'D: ALEON01

APPR: BWOODMAN

2020/06/19

2020/06/23

2020/06/23

INITIAL REVISION:

DRWN: MZIELINS

APPR: BWOODMAN

2015/05/05

2015/06/03

molex

M12 RECEP./RJ45

4P M12 RECEP./RJ45 ST #24-2TP TEAL PUR CAT5E

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-120108-082

DOC TYPE

PSD

DOC PART

001

REVISION

B1

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

GENERAL MARKET

1 OF 1

Mouser Electronics

Authorized Distributor

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