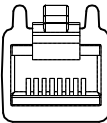


RJ45 END VIEW

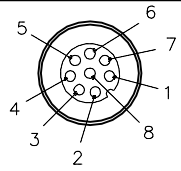


12345678

1 = WHITE/ORANGE (+TX)
2 = ORANGE (-TX)
3 = WHITE/GREEN (+RX)
4 = BLUE
5 = WHITE/BLUE
6 = GREEN (-RX)
7 = WHITE/BROWN
8 = BROWN

Ethernet

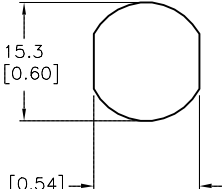
FEMALE END VIEW



1 = WHITE/BLUE
2 = WHITE/BROWN
3 = BROWN
4 = ORANGE (-TX)
5 = WHITE/GREEN (+RX)
6 = WHITE/ORANGE (+TX)
7 = BLUE
8 = GREEN (-RX)

Ethernet

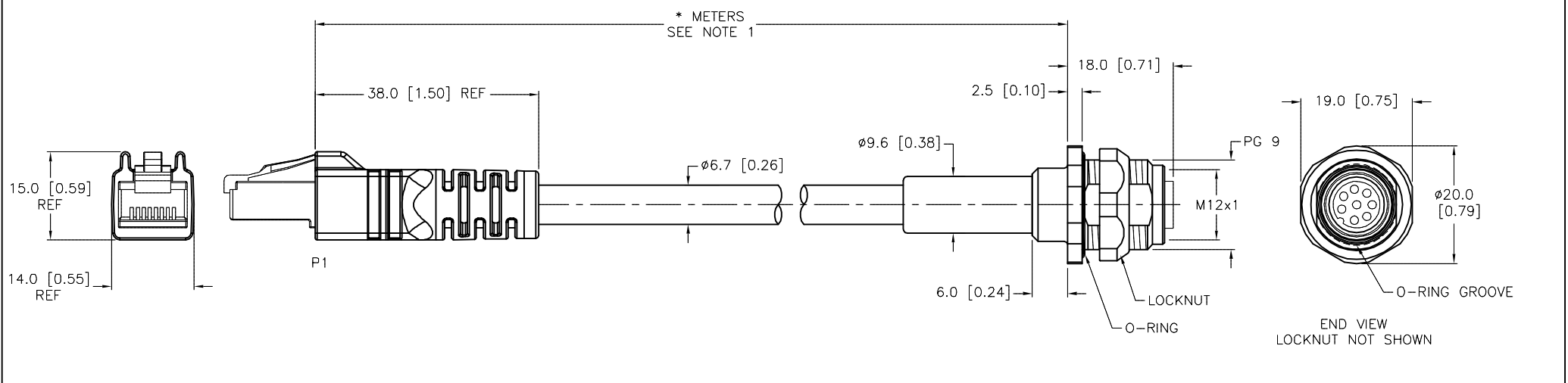
TYPICAL PANEL CUTOUT



15.3 [0.60]
13.6 [0.54]

SPECIFICATIONS

CONTACT CARRIER MATERIAL (J1)	NYLON OR TPU
MOLDED MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING (J1)	BRASS/GOLD
RECEPTACLE HOUSING MATERIAL/PLATING (J1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL/COLOR (P1)	POLYCARBONATE/CLEAR
CONTACT MATERIAL/PLATING (P1)	BRONZE/GOLD
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	PVC/BLACK
CONDUCTOR INSULATION MATERIAL	POLYOLEFIN
NUMBER OF CONDUCTORS [AWG]	8x24 AWG, SOLID (CAT 5E), 24 AWG DRAIN
SHIELDING	ALUMINUM FOIL
TEMPERATURE RANGE	-40°C to +75°C (-40°F to +167°F)
PROTECTION CLASS (FKFD)	MEETS NEMA 1,3,4,6P AND IEC IP68
MAX. PANEL THICKNESS	3.0 [0.12]



CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

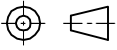
G	UPDATE RECEPTACLE	RDS	05/05/15	49613
REV	DESCRIPTION	BY	DATE	ECO NO.

SOURCE DRAWING - FOR REFERENCE ONLY


RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



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turck.com

MATERIAL

FINISH

DRFT RDS

APVD

DATE 03/28/08

SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

RJ45 FKFD 8412-*M

IDENTIFICATION NO.

REV
G

FILE: 777021370

SHEET 1 OF 1