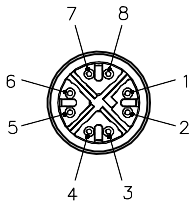
RJ45S END VIEW

12345678

PAIR — 1 = WHITE, 2 = ORANGE
PAIR — 3 = WHITE, 4 = BLUE, 5 = WHITE, 6 = GREEN — PAIR
PAIR — 7 = WHITE, 8 = BROWN

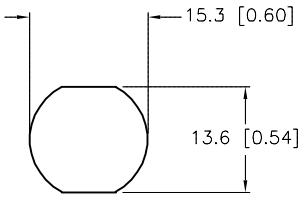
Ethernet

FEMALE END VIEW



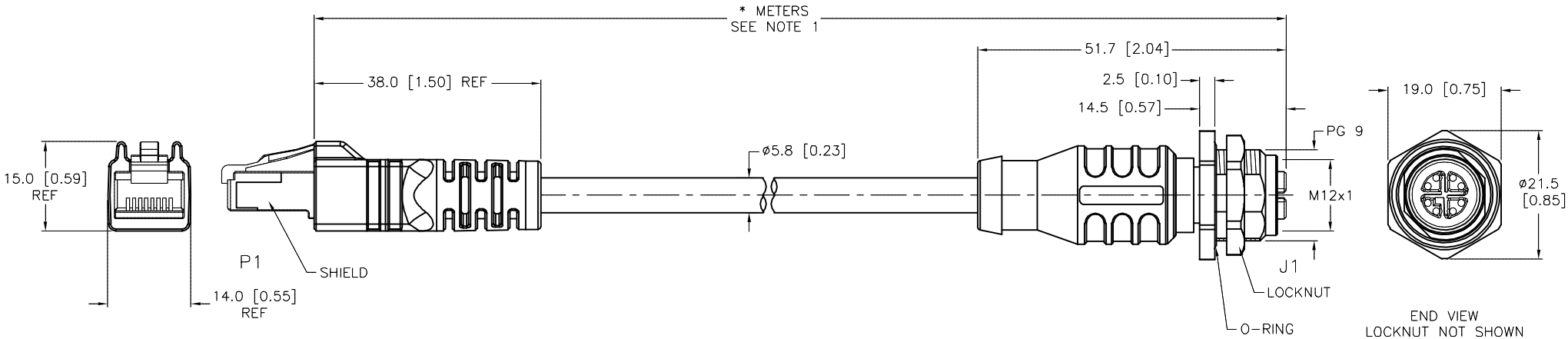
PAIR — 1 = WHITE, 2 = ORANGE
PAIR — 3 = WHITE, 4 = GREEN
PAIR — 5 = WHITE, 6 = BROWN
PAIR — 7 = WHITE, 8 = BLUE

MOUNTING HOLE



SPECIFICATIONS

CONTACT CARRIER MATERIAL (J1)	NYLON OR TPU
CONTACT MATERIAL/PLATING (J1)	BRASS/GOLD
HOUSING MATERIAL/PLATING (J1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL/COLOR (P1)	POLYCARBONATE/CLEAR
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK (J1); TPU/BLACK (P1)
CONTACT MATERIAL/PLATING (P1)	BRONZE/GOLD
RATED CURRENT [A]	0.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPO/MINT GREEN (LSZH)
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	4STPx 26AWG, STRANDED
SHIELDING	ALUM.-POLYESTER FOIL & T-C BRAIDED
TRANSMISSION CHARACTERISTICS	CAT6A
TEMPERATURE RANGE	-20°C to +70°C (-4°F to +158°F)
PROTECTION CLASS	IEC IP67 AND NEMA 6P (J1); IP20 (P1)



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	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT	RDS
DATE	08/10/16
APVD	L.S.
SCALE	1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION
RJ45S FKSDX 862-*M

IDENTIFICATION NO.

REV
A

FILE: 777036837

SHEET 1 OF 1

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	NF	01/29/19	

Approved 01/29/2019, work order #177799 by L.S.