

MALE END VIEW

1 = WHITE/ORANGE (+TX)
2 = WHITE/GREEN (+RX)
3 = ORANGE (-TX)
4 = GREEN (-RX)

RJ45S END VIEW

12345678

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

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR (RJ45)	POLYCARBONATE/CLEAR
MOLDED HEAD MATERIAL/COLOR (RJ45)	TPU/BLACK
CONTACT MATERIAL/PLATING (RJ45)	BRONZE/GOLD
CONTACT CARRIER MATERIAL (WSSD)	TPU or NYLON
MOLDED HEAD MATERIAL/COLOR (WSSD)	TPU/BLUE-GRAY
CONTACT MATERIAL/PLATING (WSSD)	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (WSSD)	BRASS/NICKEL
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	4x24 AWG, STRANDED, CAT 5e
SHIELDING	ALUM. FOIL & TINNED COPPER BRAIDED
TEMPERATURE RANGE	-40°C to +75°C (-40°F to +167°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP68 (RJ45/IP20)

* METERS
SEE NOTE 1

46.0 [1.81]
38.0 [1.50]
40.0 [1.58]
29.8 [1.17]
M12x1
P1
Ø15.0 [0.59]
SHIELDED AND ANTI-VIBRATION COUPLING NUT

38.0 [1.50] REF

15.0 [0.59] REF
14.0 [0.55] REF

SHIELD CONNECTED TO RJ45S CONNECTOR

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.

➡ - DESIGNATES PRIMARY KEYWAY DESIGNATION

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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1.
2.
3.
4.

MATERIAL

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT RDS
APVD

DATE 05/29/07
SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DESCRIPTION
WSSD RJ45S 441-M

IDENTIFICATION NO.

REV
G

G	UPDATE CABLE SPECIFICATIONS PER ECO	KMY	05/01/13	41559
REV	DESCRIPTION	BY	DATE	ECO NO.

DO NOT SCALE THIS DRAWING

FILE: 777017496

SHEET 1 OF 1