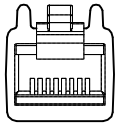


RJ45SG & RJ45 END VIEWS



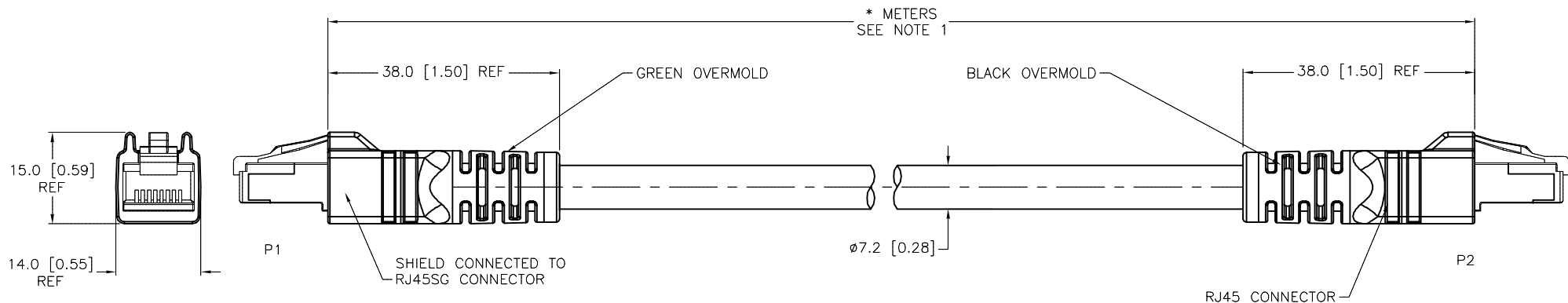
12345678

- 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

SPECIFICATIONS

CONTACT CARRIER MATERIAL (RJ45SG, RJ45)	POLYCARBONATE
MOLDED MATERIAL/COLOR	TPU/GREEN (P1), BLACK (P2)
CONTACT MATERIAL/PLATING (RJ45SG, RJ45)	BRONZE/GOLD
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]	4UTPx24 AWG, SOLID
DRAIN/SHIELD	24 AWG/ALUM.-POLYESTER FOIL, T-C BRAIDED
SHIELD TERMINATION	RJ45SG CONNECTOR ONLY
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	NEMA 1 AND IEC IP20



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

"843" RAW CABLE SPECIFICATIONS	
CABLE PROPERTIES:	OIL, UV, WELD SLAG, AND ABRASION RESISTANT
VOLTAGE RATINGS (MAX):	600V
CATEGORY:	CAT 5e
APPROVALS:	C(UL)US CM
COMPLIANT WITH NEC ARTICLE 800 COMMUNICATIONS CABLES	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

- "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
- "/C1195" DESIGNATES PERFORMANCE TESTING USING A FLUKE CABLE ANALYZER. TEST RESULT INCLUDED IN PACKAGING.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC High Technology Sensors and Automation Controls 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
1.		DRFT	RDS	DATE	06/22/06
2.		APVD		SCALE	1=1.0
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT			DESCRIPTION
4.		MILLIMETER [INCH]			RJ45SG RJ45 843-*M/C1195
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING			IDENTIFICATION NO.
FINISH		FILE: 777014056			REV
		SHEET 1 OF 1			

I	ADD CABLE SPECIFICATIONS	KMY	08/08/14	46546
REV	DESCRIPTION	BY	DATE	ECO NO.