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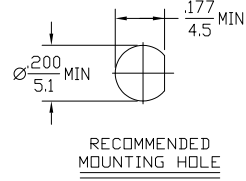
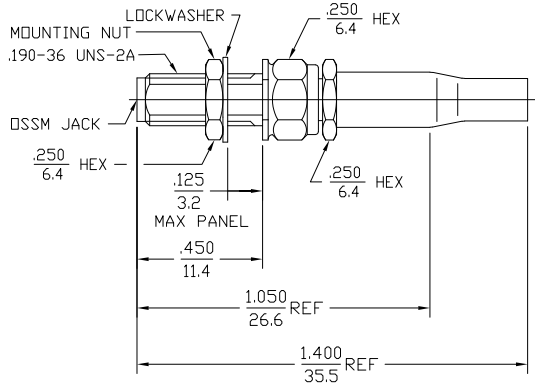
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DESIGNED FOR USE WITH		LOC	DIST	REVISIONS					
RG 196/U CABLE				P	LTR	DESCRIPTION	DATE	MIN	APD
CABLE ENTRY DIAMETER MINIMUM				B		REV PER ECO-07-030541	07FEB08	PY	DW
FERRULE	.099								
SLEEVE	.037								
DIELECTRIC	.039								
CONTACT	.024								



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50 Frequency Range (GHz) PER MIL-C-17 Volt Rating (VRMS MAX) @ Sea Level 170 VSWR 1.25 +0.3 F(GHz) Insertion Loss (dB MAX) .07 √ F(GHz) RF Leakage (dB MIN) -(60-F(GHz)) Corona, 70,000 Ft (VRMS MIN) 125 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500 Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing TBD RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335 I.R.(Megohms MIN) 5,000	Interface Dimensions MIL-STD-348, Fig. 319.2 Recommended Mounting Torque 5 in-lbs Mating Characteristics: Insertion (MAX lbs) 3.0 Withdrawal (MIN oz) 1.0 Force to Engage and Disengage (in-lbs MAX) 2.0 Cable Retention Axial Force (lbs) 10 Weight (Grams) TBD	TEMPERATURE RATING -65°C TO 105°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE INNER SLEEVE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIMENSIONS: INCHES UNLESS OTHERWISE SPECIFIED	P. YEACER OFFER2008 D. WILSON OFFER08 D. WILSON OFFER08 PRODUCT SPEC APPLICATION SPEC WEIGHT	Tyco Electronics Corporation Harrisburg, PA 17105-3608 OSSM BULKHEAD FEED THRU STRAIGHT CABLE JACK CRIMP CLAMP ATTACHMENT SIZE CASE CODE DRAWING NO A2 00779 C=1045506 CUSTOMER DRAWING	RESTRICTED TO SCALE 4:1 SHEET 1 of 1 REV B
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AMP 1471-9 REV 31MM2000

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