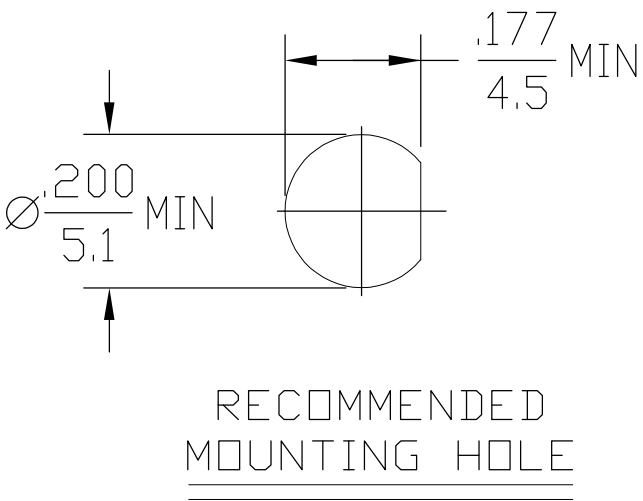
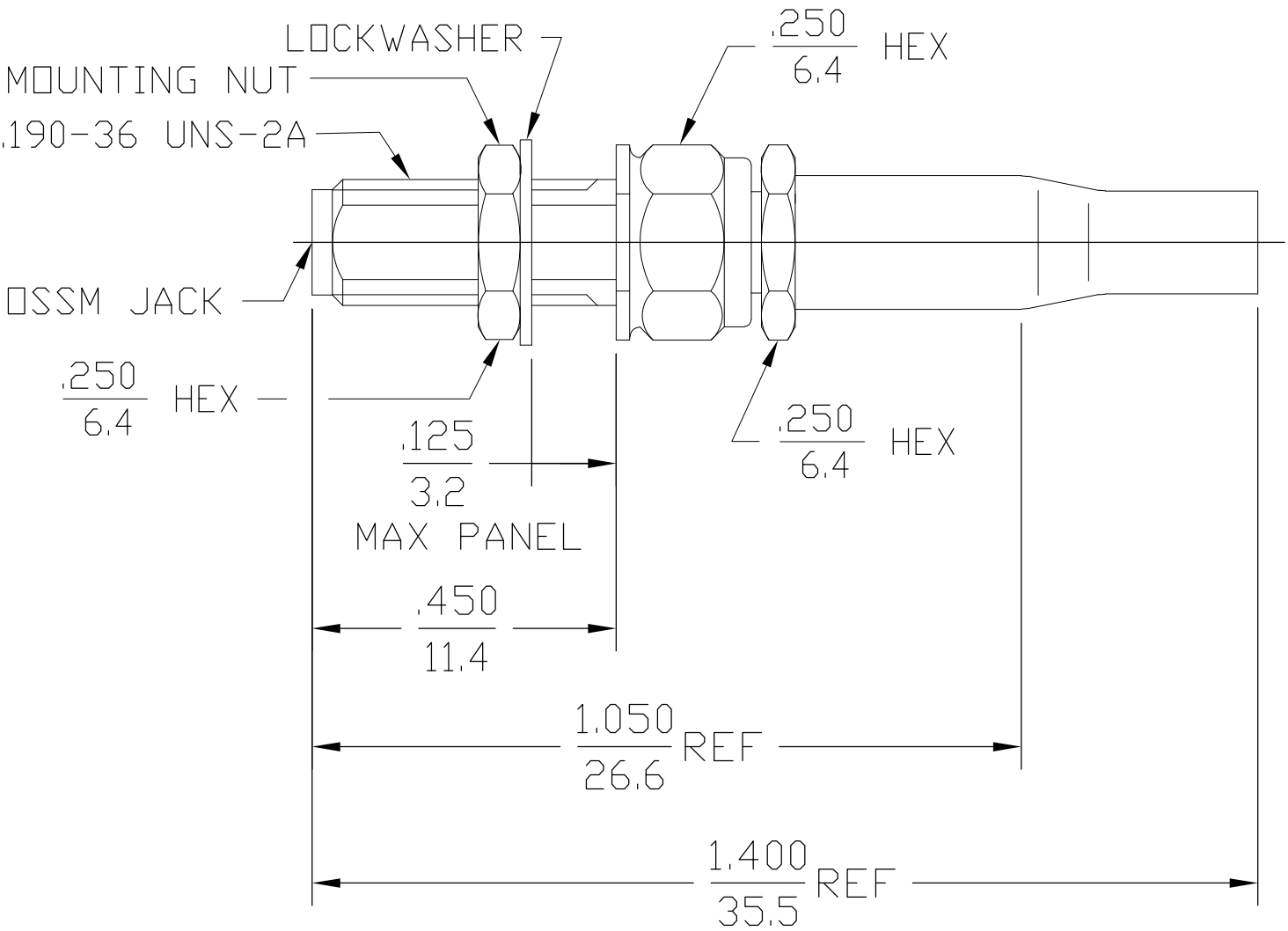


2

DESIGNED FOR USE WITH RG 196/U CABLE	LOC	DIST	REVISIONS						
	—	—	P	LTR	DESCRIPTION	DATE	DWN	APVD	
				B	REV PER ECO-07-030541	07FEB08	PY	DW	

1

CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.099
SLEEVE	.037
DIELECTRIC	.039
CONTACT	.024



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 319.2	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) PER MIL-C-17	Recommended Mounting	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 170	Torque 5 in-lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.25 +.03 f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (dB MAX) .07 √ f(GHz)	Insertion (MAX lbs) 3.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN oz) 1.0	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 125	Force to Engage and Disengage (in-lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (lbs) 10	
Center Contact 3.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing TBD		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335		
I.R.(Megohms MIN) 5,000		

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
COMPONENT	MATERIAL	FINISH
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 06FEB2008
DIMENSIONS: INCHES		CHK D. WILSON 06FEB08
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. WILSON 06FEB08
0 PLC ± -		NAME
1 PLC ± -		PRODUCT SPEC
2 PLC ± -		APPLICATION SPEC
3 PLC ± -		WEIGHT -
4 PLC ± -		SIZE A2
ANGLES ± -		CAGE CODE 00779
FINISH		DRAWING NO C=1045506
SEE TABLE		RESTRICTED TO -
SEE TABLE		SCALE 4:1
CUSTOMER DRAWING		SHEET 1 of 1
		REV B

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