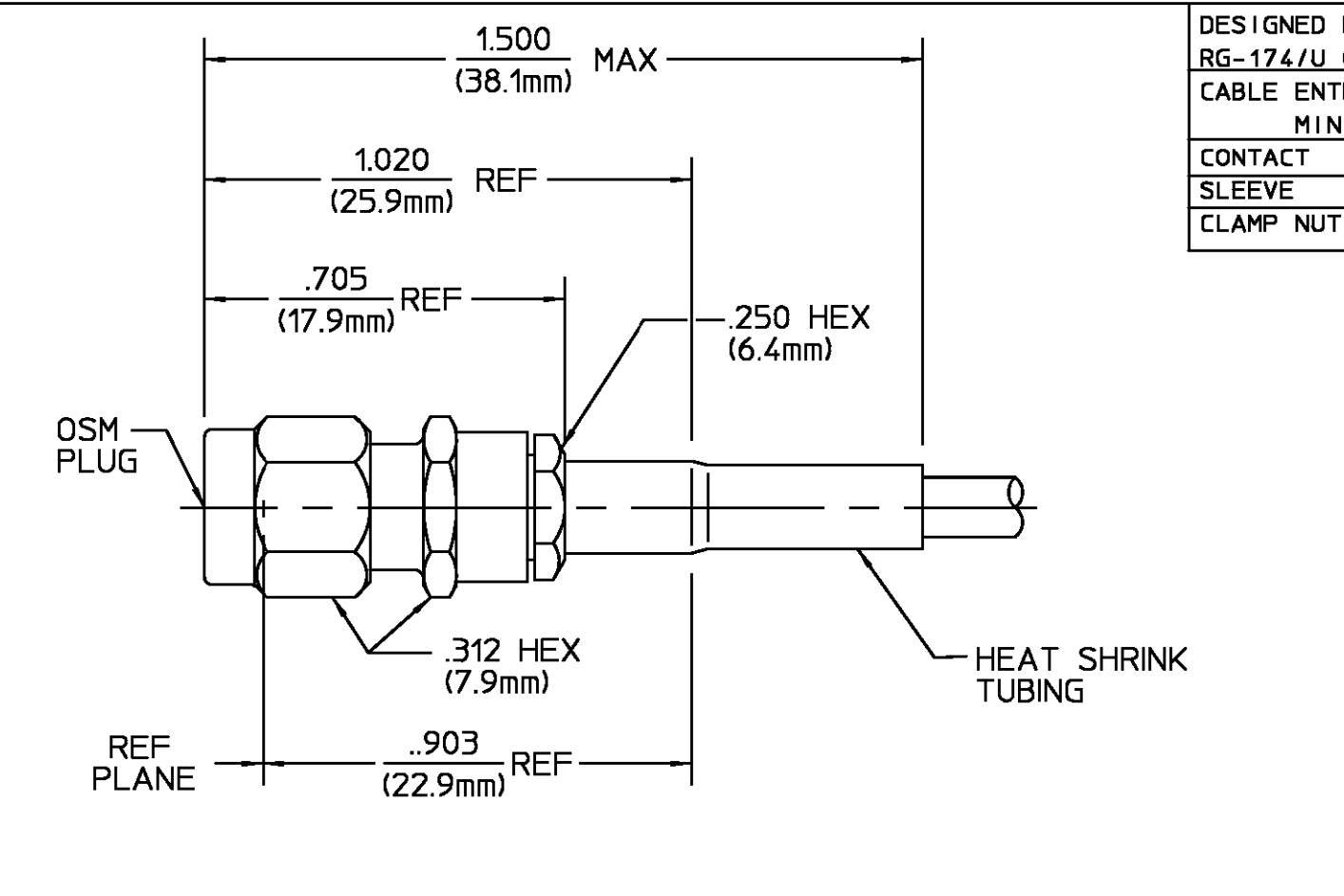




DESIGNED FOR USE WITH RG-174/U OR EQUIVALENT		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM		03 ₃	REVISED	1/30/97	
CONTACT	.021				
SLEEVE	.128				
CLAMP NUT	.179				

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C To +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7-10 IN-LB	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15±.02 f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition C,
Insertion Loss (dB MAX) .06√f(GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) -60	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 20 MIN	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Torque (In-Oz) N/A	
IR.(Megohms MIN) 10,000	Weight (Grams) TBD	

HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
REAR DIELECTRIC	NYLON OR ZYTEL #101 PER MIL-M-20693A	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET O-RING	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY DATE EJC 5/16/69 CHECKED BY B.W.C. 5/17/69 APPD BY D.NANIA 5/20/69		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
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USE ASS'Y PROCEDURE 408-4813 (REF 20-052) NO. AP. _____		
TITLE OSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT		
SIZE CODE IDENT NO. 2031-5012-02 REV B 26805 03 ₃		
SCALE 3:1 SHEET 1 OF 1		