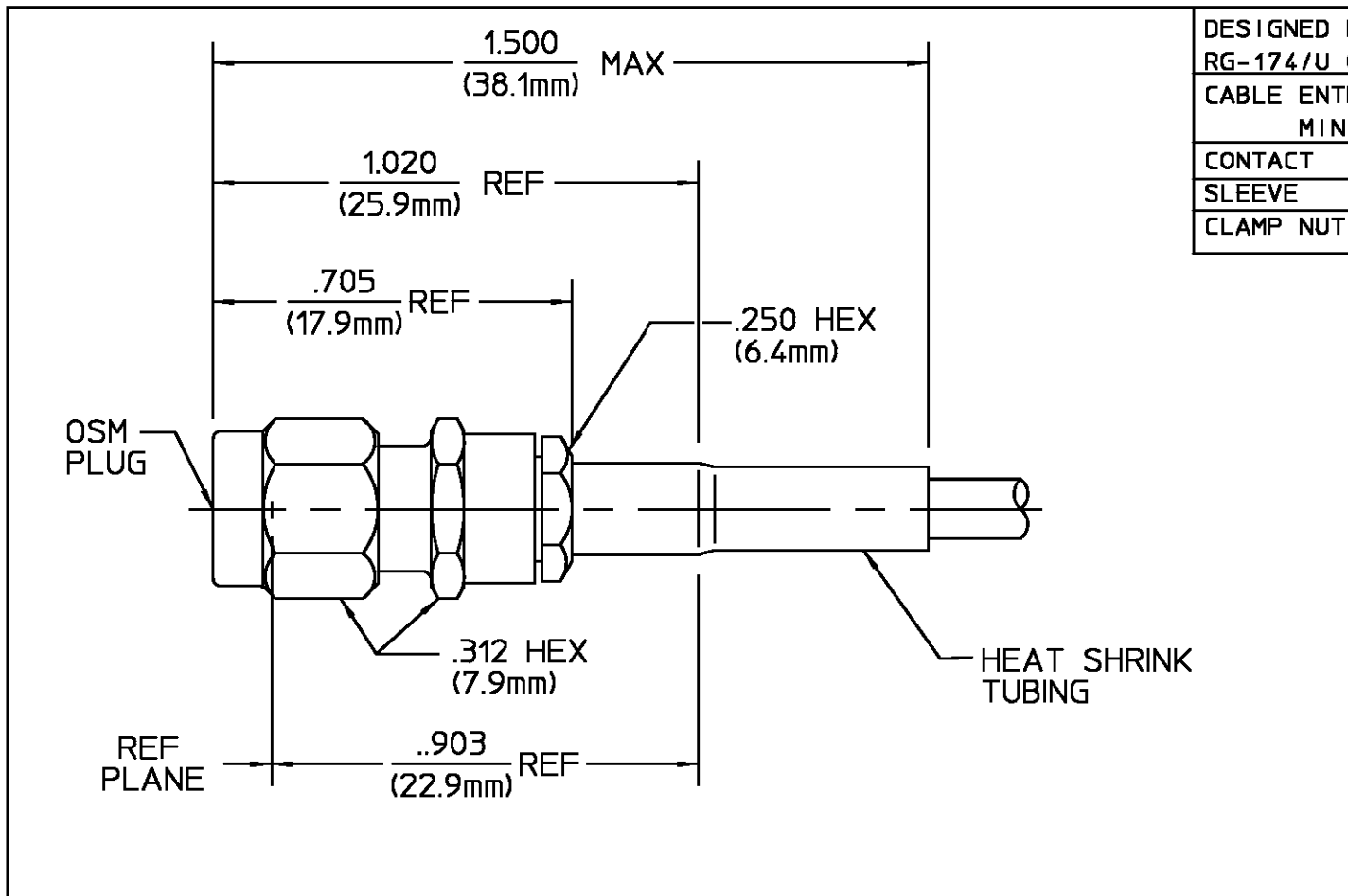




DESIGNED FOR USE WITH RG-174/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	03 ₃
CONTACT	.021
SLEEVE	.128
CLAMP NUT	.179

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₃	REVISED	1/30/97	

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

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 .05	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	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY F.I.C. 5/16/69	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY B.W.C. 5/17/69		
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	APPD BY D.NANIA 5/20/69	TITLE OSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT	
	USE ASS'Y PROCEDURE 408-4813 (REF 20-052) NO. AP. _____	SIZE B	CODE IDENT NO. 26805
		2031-5012-02	REV 03 ₃
		SCALE 3:1	SHEET 1 OF 1