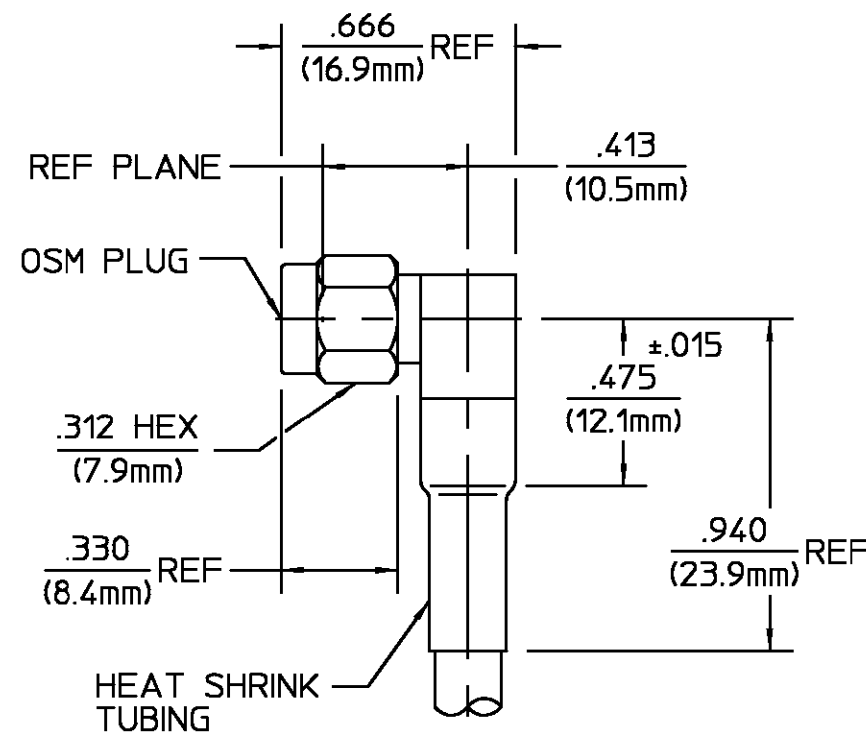




DESIGNED FOR USE WITH RG180/U & 195 CABLES CABLE ENTRY DIAMETER MINIMUM	REVISIONS			
	REV	DESCRIPTION	DATE	APPROVED
HOUSING	.105	ECN 92-0661-1		
CONTACT	.025			

COUPLING NUT HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 3.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7 to 10 In/Lbs	Shock MIL-STD-202, Method 213, Condition I
RF Leakage (dB MIN) -[60 -f(GHz)]	Force to Engage and	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Corona, 70,000 Ft (VRMS MIN) 190	Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	Shall Be Omitted
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Center Contact 2.0	Radial (In/Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 2.5	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Weight (Grams) 4.6	
I.R.(Megohms MIN) 10,000		

COMPONENT			MATERIAL			FINISH			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°			DRAWN BY E.F.HOYLE		DATE 2/7/91	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
			CHECKED BY K.C.MAHER		2/11/91				
			APPD BY S.T.M.		2/12/91				
			AMP						
These drawings and specifications are the property of Omni Spectra 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.			USE ASS'Y PROCEDURE 408-04684 (20-068) NO. A.P. _____			TITLE OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT			
						SIZE B	CODE IDENT NO. 26805	2037-5009-02	REV 020
						SCALE 2:1			
						SHEET 1 OF 1			