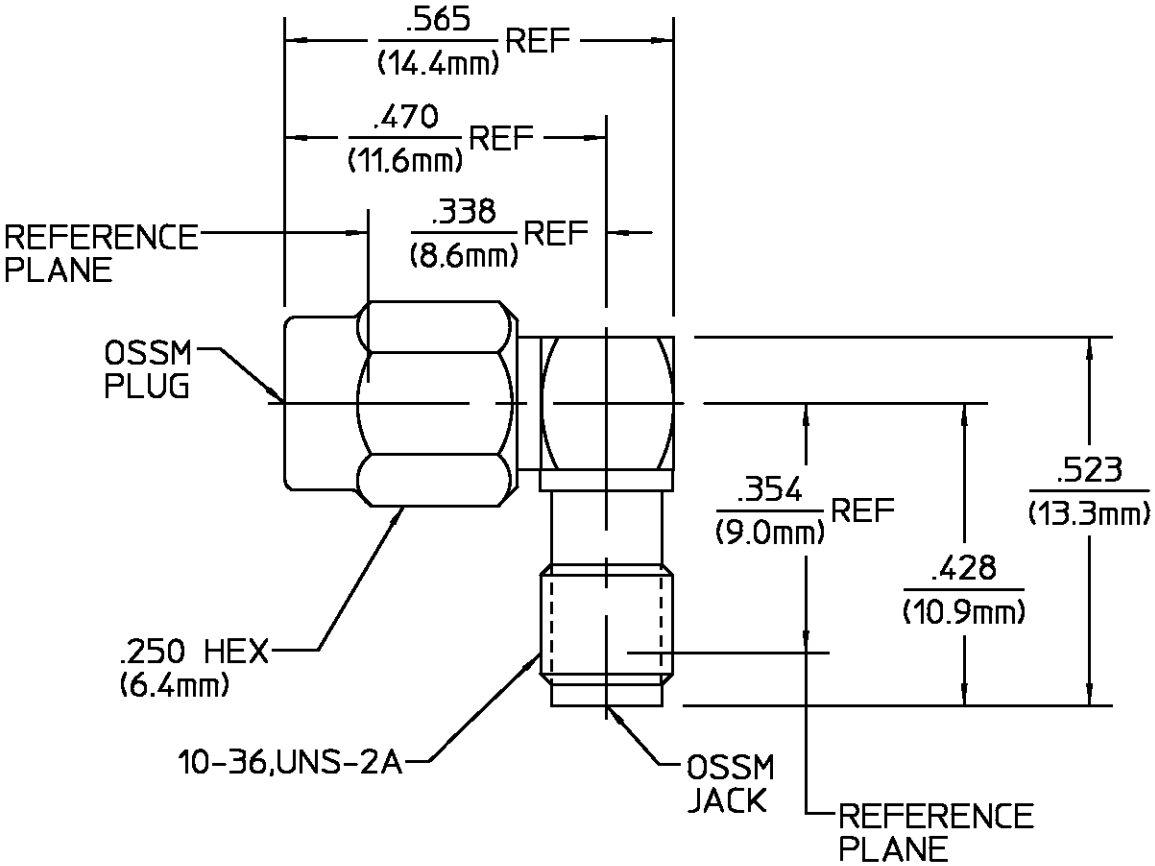




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	10-9-80	TONY S.
02 ₀	MAJOR CHANGE PER ECN 91-0416 REDRAWN AND UPDATED IN CAD PER ECN 88-0678 ADDED ELECTRICAL PER ECN 90-0493	EFH 6/7/91	S.T.M. 7-30-91

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>319.1 & 319.2</u>	Temperature Rating <u>-65°C To + 165°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque <u>7 To 8 In-Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
Sea Level <u>250</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR <u>1.07 + .010 f GHz</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Shall Be Omitted
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>4.0</u>	
Center Contact <u>4.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>N/A</u>	
Cable to Housing <u>N/A</u>	Torque (In/Oz) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Weight (Grams) <u></u>	
I.R.(Megohms MIN) <u>5,000</u>		

HOUSING COUPLING NUT 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
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC. DEC. ANGLES	DRAWN BY DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
* 1/64 ±.005 * 1°	G.BEERS 10/3/80	
	CHECKED BY K.DALY 10/9/80	
	APPD BY GH 10/13/70	TITLE OSSM RIGHT ANGLE JACK TO PLUG ADAPTER
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	
	NO. AP. <u>N/A</u>	
	SIZE B	CODE IDENT NO. 26805
	SCALE 4:1	1088-0000-02
		REV 02 ₀
		SHEET 1 OF 1