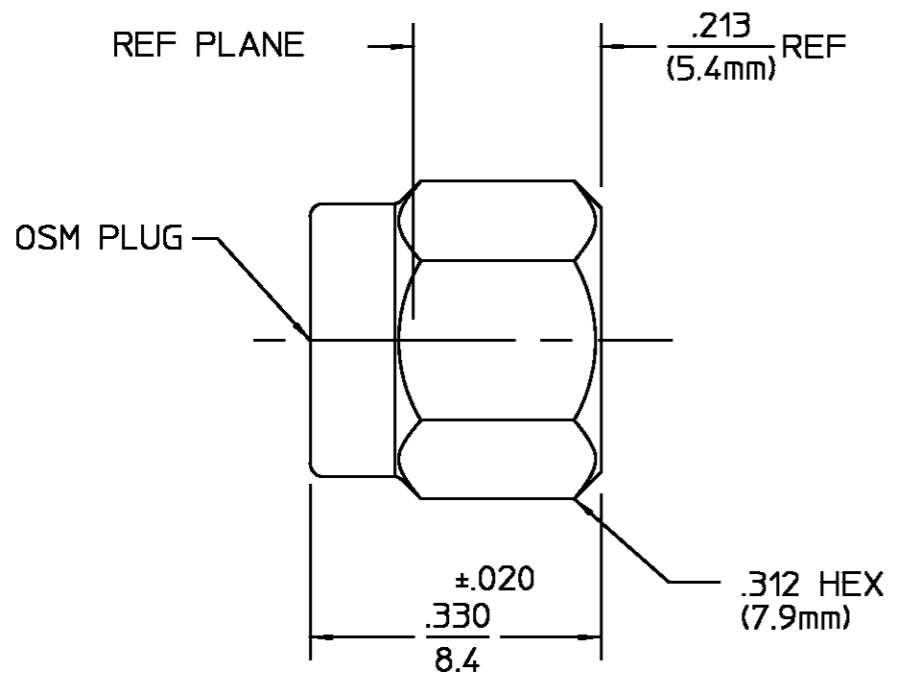


DESIGNED FOR USE WITH	.141 DIA S.R. CABLE
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₄	.330±.020 WAS .330MAX, ECN 86-0359	M.B. 5/15/86	L.BELOPOLSKY
03 ₅	REDRAWN ON CAD PER ECN 88-0678	BB 9-3-91	<i>[Signature]</i> 12/5/91



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.3</u>	Temperature Rating <u>-65°C to 105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating	Vibration MIL-STD-202, Method <u>204, Condition D</u>
Volt Rating (VRMS MAX)	Torque <u>7 to 10 in-LBs</u>	Shock MIL-STD-202, Method 213, <u>Condition I</u>
Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, <u>Method 107, Condition B,</u>
VSWR <u>1.02 + .005f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Except High Temp <u>115°C</u>
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, <u>Method 106, No Measurement At</u>
RF Leakage (dB MIN) <u>-(90-f(GHz))</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	High Humidity
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>
Dielectric Withstanding Voltage (VRMS MIN) Sea Level <u>N/A</u>	Axial (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>N/A</u>	
Center Contact <u>N/A</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>60 MIN</u>	
Cable to Housing <u>0.5</u>	Torque (In/Oz) <u>55</u>	
RF High Potential Sea Level	Weight (Grams) <u>T.B.D.</u>	
(VRMS MIN 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>10,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY JPD	DATE 9/8/76	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY		
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 items without written permission.	USE ASS'Y PROCEDURE		TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT	
	NO. AP. <u>408-04761</u> (20-001)		SIZE B	CODE IDENT NO. 26805
			SCALE 5:1	2001-7941-02
			REV 03 ₅	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050757-1
SHEET 1 OF 1 REV A