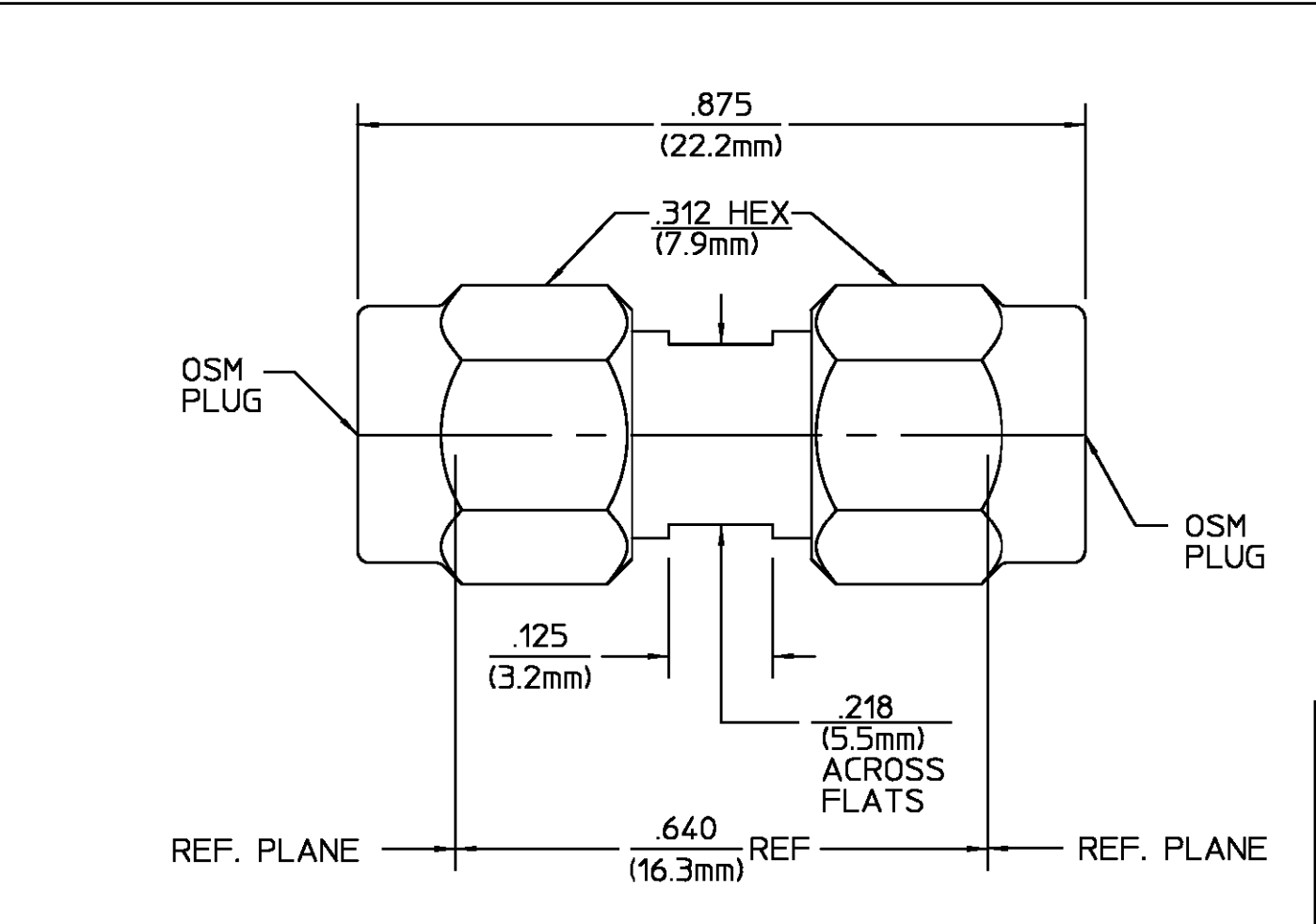




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED		
02 ₀	REDRAWN AND UPDATED PER ECN 88-0678 ADDED PARAMETERS PER ECN 90-0493 REDESIGNED PER ECN 91-0088	EFH 8/16/91	<i>[Signature]</i> 8/26/91

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A FIG 310.1	Temperature Rating <u>-65°C to 165°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>7.0 to 10.0 In/Lbs</u>	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>335</u>	Connector Engagement <u>2.0 In/Lbs MAX</u>	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005f(GHz) MAX</u>	Center Contact Captivation Axial <u>10 Lbs MIN</u>	Thermal shock MIL-STD-202, Method 107 Test Condition C
Insertion Loss (dB MAX) <u>.06√f(GHz)</u>	Radial <u>N/A</u>	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b
RF Leakage <u>-[90-f(GHz)]</u>	Weight (Grams) <u>TBD</u>	(Vibration) shall be omitted
Corona, 70,000 Ft (VRMS MIN) <u>250</u>		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1500</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>		
Outer Contact <u>2.0</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms) <u>10,000</u>		

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
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 ± 1/64 ± .005 ± 1°	DRAWN BY B.M.EDWARDS CHECKED BY K.MAHER APPROVED BY S.T.M.	DATE 8/31/90 9/4/90 9/5/90
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>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 TITLE OSM PLUG TO PLUG ADAPTER SIZE B CODE IDENT NO. 26805 2081-1900-02 REV 02 ₀
	SCALE 5:1	SHEET 1 OF 1