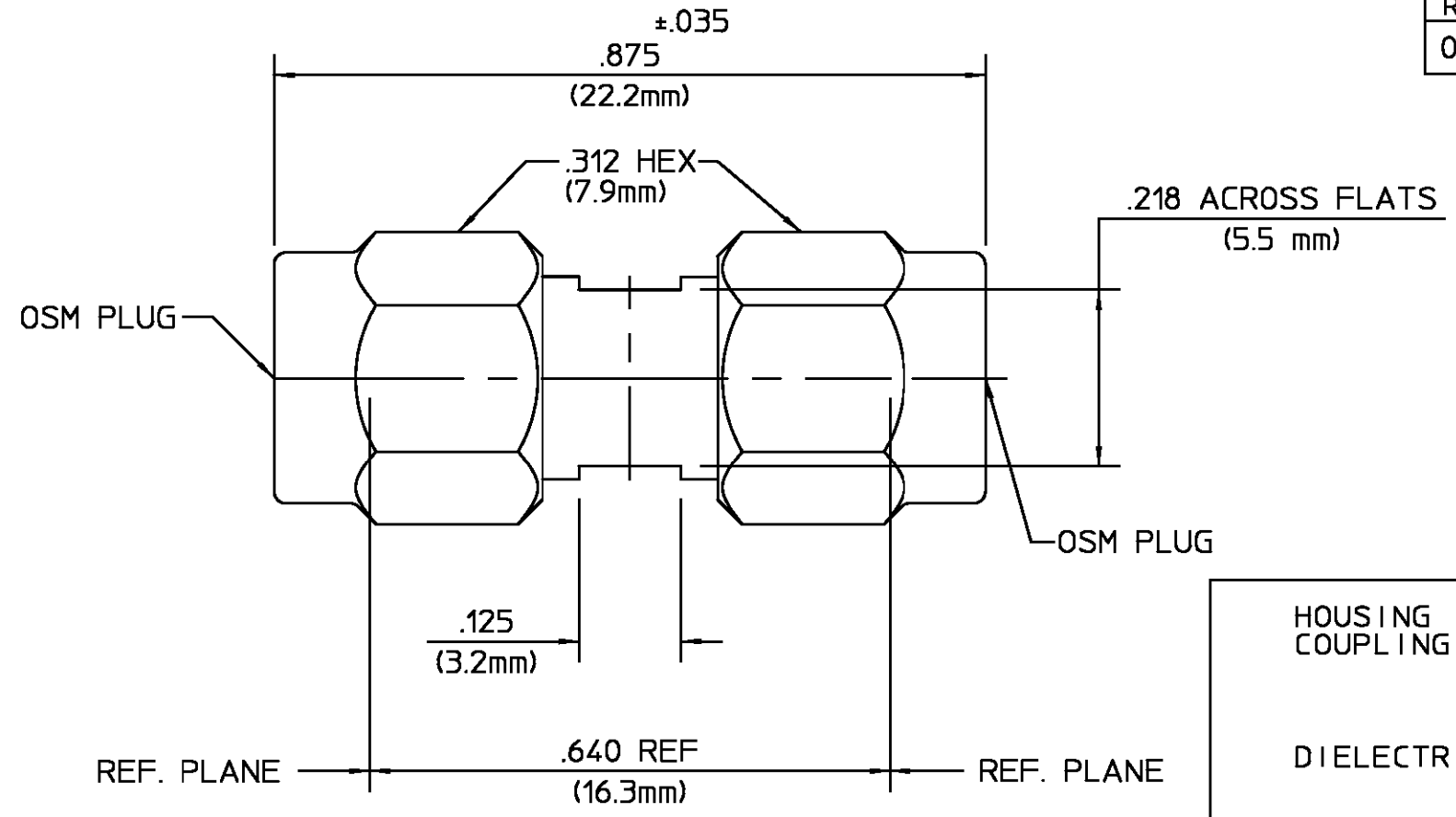


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₂	REDRAWN IN CAD, ECN 88-0678	KCM 3/27/90	S.T.M. 3/28/90



NOTES:
1. CAPTURED CENTER CONTACT

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER QQ-C-530	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348 FIG 310.1	Temperature Rating <u>-65°C to 105°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+0.06f(GHz) MAX</u>	Center Contact Captivation	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) <u>.06√f(GHz)</u>	Axial <u>6.0 Lbs MIN</u>	Except High Temp 115°C
RF Leakage <u>-[60-f(GHz)]</u>	Radial <u>4.0 In/Oz MIN</u>	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b (Vibration) shall be omitted
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Weight (Grams) <u>4.7</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</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>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC.	DEC.	ANGLES
± 1/64	± .005	± °
DRAWN BY BWC DATE 6/9/67		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY PRB 5/8/68		
APPD BY PRB 5/8/68		
USE ASS'Y PROCEDURE		TITLE OSM ADAPTER PLUG TO PLUG BULKHEAD FEEDTHRU
NO. AP. <u>N/A</u>		SIZE B CODE IDENT NO. 26805 2081-0000-00 REV 02 ₂
SCALE 5:1		SHEET 1 OF 1