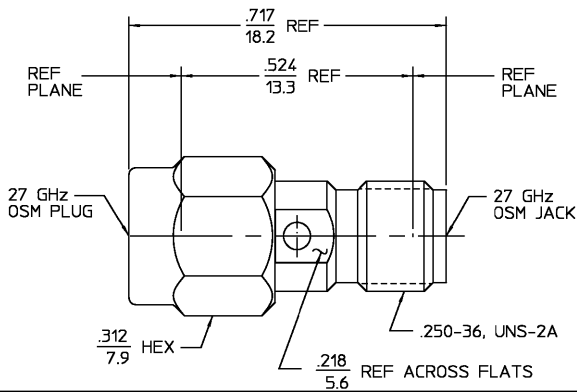


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>0</sub>	RELEASED	6/16/95	<i>ICornell</i>



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1 - PLUG	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 27.0	Fig. 310.2 - JACK	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) 335 @ Sea Level	Recommended Mating Torque 7 to 10 in-lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 ± 0.05 (fGHz)	Mating Characteristics: Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C.
Insertion Loss (dB MAX) .03 √f (GHz) DC to 18 GHz	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
.05 √f (GHz) 18 to 27 GHz	Force to Engage and Disengage (in-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -[90-f(GHz)] Carana, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation Axial (Lbs) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Radial (in-Oz) 4.0	
Contact Resistance (Milliohms MAX) Center Contact 4.0	Cable Retention Axial Force (Lbs) N/A	
Outer Contact 2.0	Torque (in-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196 OR ASTN-B-197 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <i>JANUAR</i> DATE 6/16/95	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	ANGLES ± °	APPD BY <i>ICornell</i> 6/16/95
These drawings and specifications are the property of M/A CDM Interconnect Div. 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 ASSY PROCEDURE	TITLE OSM HIGH FREQUENCY (27GHz) PLUG TO JACK ADAPTER
NO. AP. N/A	SIZE B	CODE IDENT NO. 26805	2782-5004-02
	SCALE 10 : 1		REV 01 <sub>0</sub>
			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1056344-1  
SHEET 1 OF 1 REV A