



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	29/2/96	<i>PM</i>

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) DC to <u>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Torque <u>3-5 In-Lbs (0.34Nm-0.57 Nm)</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005 f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-[100-f(GHz)]</u>	Withdrawal (MIN Oz) <u>N/A</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0 (0.23Nm)</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0 (2.7Kg) MIN</u>	
Center Contact <u>2.0</u>	<u>FROM INTERFACE</u>	
Outer Contact <u>2.0</u>	Axial (Lbs) <u>4.0 (1.8Kg) MIN</u>	
Cable to Housing <u>N/A</u>	<u>FROM FLANGE</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Radial (In/Oz) <u>4.0 (0.028Nm)</u>	
I.R.(Megohms MIN) <u>10000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 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 MILLIMETERS TOLERANCE ON DEC. ANGLES ±0.13 ± 1°	DRAWN BY <i>S. Morley</i> DATE 2/21/96	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY		
These drawings and specifications are the property of M/A-COM Interconnect Division 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.	APPD BY	TITLE OSM 2 HOLE FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL	
	USE ASS'Y PROCEDURE	NO. AP. <u>N/A</u>	SIZE B CODE IDENT NO. 26805 2251-5502-09 REV 01 ₀
	SCALE 4:1		SHEET 1 OF 1