



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₁	REVISED	7/31/97	<i>PJH</i> 07/31/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>N/A</u>	Temperature Rating <u>-55°C to +125°C</u>
Frequency Range (GHz) DC to <u>26.5 GHz</u>	Recommended Mating Torque <u>7 to 10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) @ Sea Level <u>N/A</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I, 100G's
VSWR <u>1.11 MAX DC-18; 1.13 MAX 18-26.5</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-(90f)</u>	Center Contact Captivation Axial (Lbs) <u>4.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>150</u>	Radial (In-Oz) <u>4.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>4.0</u>	Weight (Grams) <u>N/A</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>600</u>		
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT BUSHING	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 OR ASTM-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 TOLERANCE ON		DRAWN BY <i>QDP</i> DATE 7/31/97		AMP Incorporated	
FRAC. ± 1/64	DEC. ± .005	ANGLES ± °	CHECKED BY	140 Fourth Avenue Waltham, MA 02451-7599	
			APPD BY <i>PJH</i> 07/31/97	AMP	
These drawings and specifications are the property of M/A-COM 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	TITLE OS-50 PLUG TO 3.5mm BSA PLUG	
NO. AP. <u>N/A</u>			SIZE B	CODE IDENT NO. 26805	8581-2351-02
			SCALE 5 : 1	REV 02 ₁	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1063389-1
SHEET 1 OF 1 REV A