


.XXX = in
XX.X = mm

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	11/1/95	DCM 11/6/95
B	PER EC 0U20-0116-01-02	10/26/01	C. Hoang

DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	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

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>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY RMF	DATE 2/13/95	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY	APPD BY RMF		
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
			1250-2330-02	REV 01 ₁
SCALE 5 : 1			SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1046308-1
SHEET 1 OF 1 REV B