


DESIGNED FOR USE WITH .375 Micro-porous	
CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.385
BUSHING	.295
CONTACT	.118

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REVISED	7/8/97	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 313-1	Temperature Rating -65 TO 105°C
Frequency Range (GHz) DC to 15.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX)	Torque 4 TO 65 IN-LBS	Shock MIL-STD-202, Method 213, Condition I
Sea Level 500	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1:10:1	Insertion (MAX Lbs) 5	Except High Temp 115°C
Insertion Loss (dB MAX) .06 V/F (GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60	Force to Engage and Disengage (in-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,500	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (in-Oz) N/A	
Center Contact 15	Cable Retention	
Outer Contact 0.2	Axial Force (Lbs) TBD	
Cable to Housing .05	Torque (in-Oz) TBD	
RF High Potential Sea Level (VRMS MIN) 5 MHz 1,000	Weight (Grams) TBD	
IR (Megohms MIN) 1,000		

HOUSING BUSHING COUPLING NUT CLAMP 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 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 O-RING	SILICONE RUBBER PER ZZ-R-765	N/A	
COMPONENT	MATERIAL	FINISH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	
DRAWN BY KWW	DATE 1-22-77	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
CHECKED BY RWF	2-22-77		
APPROD BY BWC	2-25-77		
USE ASSY PROCEDURE		TITLE "OST" STRAIGHT CABLE PLUG-CLAMP ATTACHMENT	
NO. AP. 348			
SIZE B	CODE IDENT NO. 26805	3101-5080-31	REV 01
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1060929-1
SHEET 1 OF 1 REV A