



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	7/8/97	

∅ .040 / 1.0 LOCKWIRE
(3 PLCS @120° APART)

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 313-1	Temperature Rating <u>-65 TO 105°C</u>
Frequency Range (GHz) DC to <u>15.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX)	Torque <u>4 TO 65 IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I
∅ Sea Level <u>500</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
VSWR <u>1.10:1</u>	Insertion (MAX Lbs) <u>5</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.06 √f (GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-60</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) ∅ Sea Level <u>1,500</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>N/A</u>	
Center Contact <u>1.5</u>	Cable Retention	
Outer Contact <u>0.2</u>	Axial Force (Lbs) <u>TBD</u>	
Cable to Housing <u>0.5</u>	Torque (In-Oz) <u>TBD</u>	
RF High Potential ∅ Sea Level (VRMS MIN ∅ 5 MHz) <u>1,000</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms MIN) <u>1,000</u>		

COMPONENT	MATERIAL	FINISH
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY	KWW	DATE	1-22-77	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY	RMF	DATE	2-22-77		
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	APPD BY	BWC		DATE
These drawings and specifications are the property of M/A COM 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 item(s) without written permission.		USE ASSY PROCEDURE NO. A.P. <u>348</u>		TITLE 'OST' STRAIGHT CABLE PLUG-CLAMP ATTACHMENT		
SCALE		3:1	SIZE B CODE IDENT NO. 26805 3101-5080-31 REV 01 ₁		SHEET 1 OF 1	

CUSTOMER DRAWING

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