



DESIGNED FOR USE WITH .250 DIA S.R. MP CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.076
HOUSING	.253
CLAMP NUT	.255

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	DAC 6/15/99	<i>DC</i> 6/16/99

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
BUSHING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, 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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A Fig. <u>310.1</u>	Temperature Rating <u>-65°C to 105°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>7 to 10 in-LBs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 + .007f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp <u>115°C</u>
Insertion Loss (dB MAX) <u>.03 √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>-[90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0 MIN</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Cable Retention Axial Force (Lbs) <u>90 MIN</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Torque (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) <u>T.B.D.</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>BB</i> DATE <u>9/23/91</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <i>M.M.</i> DATE <u>5/8/92</u>		TITLE OSM STRAIGHT CABLE PLUG COMPRESSION CLAMP ATTACHMENT	
These drawings and specifications are the property of AMP Incorporated 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.	USE ASS'Y PROCEDURE	NO. AP. <u>408-04825 (20-025)</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
			2001-7752-02	REV <u>01₁</u>
			SCALE <u>5:1</u>	SHEET 1 OF 1