



DESIGNED FOR USE WITH .085 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.0215
HOUSING	.088

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REDRAWN ON CAD ECN 92-0009	1/6/94	<i>[Signature]</i>

CAPTURED CENTER CONTACT

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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	Temperature Rating <u>-65°C to 105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Fig. <u>310.1</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Recommended Mating Torque <u>7 to 10 in-LBs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 + .01f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Except High Temp <u>115°C</u>
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>3.0</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>30</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Torque (In-Oz) <u>16</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>T.B.D.</u>	

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °		
DRAWN BY ED HOYLE DATE 3/1/88		
CHECKED BY BAR 3/3/88		
APPD BY BAR 3/3/88		
<div style="display: flex; justify-content: space-between;"> <div> <p>USE ASS'Y PROCEDURE</p> <p>408-04970 NO. AP. (20-701)</p> </div> <div style="text-align: center;"> <p><b>AMP</b></p> </div> <div> <p>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</p> </div> </div>		
TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	2001-7585-02
SCALE 5:1		REV 01 <sub>1</sub>
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050735-1  
SHEET 1 OF 1 REV A