



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>0</sub>	RELEASED	3/13/90	<i>D. Comello</i>

NOTES:  
1. 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
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403 AND ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CONTACT RING	BERYLLIUM COPPER PER ASTM-B194	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50±1</u>	Interface Dimensions <u>DESC SPEC 85071</u>	Temperature Rating <u>-65°C TO +125°C</u>
Frequency Range (GHz) <u>DC TO 18</u>	Recommended Mating Torque <u>N/A</u>	Vibration <u>MIL-STD-202, METHOD 204, CONDITION D</u>
Volt Rating (VRMS MAX) (at sea level) <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3</u>	Shock <u>MIL-STD-202, METHOD 213, CONDITION I</u>
VSWR <u>1.05+0.005f(GHz) DC TO 18GHz</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal shock <u>MIL-STD-202, METHOD 107, CONDITION B</u>
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	Force to Engage (In/Lbs MAX) <u>3</u>	Moisture Resistance <u>MIL-STD-202, METHOD 106</u>
RF Leakage (dB) (Interface only fully mated) <u>-(90 -f(GHz))</u>	Force to Disengage (In/Lbs MAX) <u>1.5</u>	Corrosion <u>MIL-STD-202, METHOD 101, CONDITION B</u>
Corona, 70 Ft (VRMS MIN) <u>335</u>	Center Contact Captivation: Axial <u>6 LBS MIN</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Radial <u>NONE</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Cable Retention <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>3.3</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R. (Megohms) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC ANGLES ± 1/64 ± .005 ± °	DRAWN BY <u>E.F. HOYLE</u> DATE <u>3/8/90</u> CHECKED BY <u>K.C. MAHER</u> 3/13/90 APP'D BY <u>D. Comello</u> 3/13/90	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE NO. AP. <u>N/A</u>	TITLE <b>OSP 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</b>	
SCALE <u>2:1</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 4552-1352-00	REV <u>01<sub>0</sub></u> SHEET 1 OF 1