



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	RELEASED	10/23/85	R.GIERAS
02 ₁	REDAWN IN CAD PER ECN 88-0678	EFH 3/8/90	KCM <i>[Signature]</i>

NOTES:
1. CAPTURED CENTER CONTACT

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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>JP</u> DATE <u>4/6/83</u> CHECKED BY <u>L.BELOPOLSKY</u> DATE <u>10/18/85</u> APP'D BY <u>R.GIERAS</u> DATE <u>10/23/85</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE NO. AP. <u>N/A</u>	TITLE OSP 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL	
SCALE <u>2:1</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u>	4552-1352-02 REV <u>02₁</u>
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