

		REVISIONS																																																																																									
		REV	DESCRIPTION	DATE	APPROVED																																																																																						
		03 ₀	REVISED	12/07/94	<i>AD</i>																																																																																						
<table><tr><td colspan="2">ELECTRICAL</td><td colspan="2">MECHANICAL</td><td colspan="2">ENVIRONMENTAL</td></tr><tr><td colspan="2">Nominal Impedance (Ohms) <u>50</u></td><td colspan="2">Force to Engage (Lbs MAX) <u>15</u></td><td colspan="2">Temperature Rating <u>-65°C To +125°C</u></td></tr><tr><td colspan="2">Frequency Range (GHz) DC to <u>26.5</u></td><td colspan="2">Disengage (Lbs MIN) <u>2.0</u></td><td colspan="2">Vibration MIL-STD-202, Method 204, Condition D</td></tr><tr><td colspan="2">Volt Rating (VRMS MAX) @ Sea Level <u>250</u></td><td colspan="2">Center Contact Retention <u>1.5 Lbs MIN</u></td><td colspan="2">Thermal Shock MIL-STD-202, Method 107, Condition B,</td></tr><tr><td colspan="2">VSWR <u>1.25 MAX @ 26.5 GHz</u></td><td colspan="2">Durability <u>100 cycles</u></td><td colspan="2">Corrosion - MIL-STD-202, Method 101, Condition B</td></tr><tr><td colspan="2">Insertion Loss <u>.12f GHz dB MIN</u></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Corona, 70,000 Ft (VRMS MIN) <u>190</u></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Contact Resistance (Milliohms MAX)</td><td colspan="2">DESIGNED FOR USE WITH <u>.085 DIA S.R.</u></td><td colspan="2"></td></tr><tr><td colspan="2">Center Contact <u>6.0</u></td><td colspan="2">CABLE ENTRY DIAMETER MINIMUM</td><td colspan="2"></td></tr><tr><td colspan="2">Outer Contact <u>2.0</u></td><td colspan="2">HOUSING</td><td colspan="2">.089</td></tr><tr><td colspan="2">Cable to Housing <u>0.5</u></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>325</u></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">I.R.(Megohms MIN) <u>5000</u></td><td colspan="2"></td><td colspan="2"></td></tr></table>		ELECTRICAL		MECHANICAL		ENVIRONMENTAL		Nominal Impedance (Ohms) <u>50</u>		Force to Engage (Lbs MAX) <u>15</u>		Temperature Rating <u>-65°C To +125°C</u>		Frequency Range (GHz) DC to <u>26.5</u>		Disengage (Lbs MIN) <u>2.0</u>		Vibration MIL-STD-202, Method 204, Condition D		Volt Rating (VRMS MAX) @ Sea Level <u>250</u>		Center Contact Retention <u>1.5 Lbs MIN</u>		Thermal Shock MIL-STD-202, Method 107, Condition B,		VSWR <u>1.25 MAX @ 26.5 GHz</u>		Durability <u>100 cycles</u>		Corrosion - MIL-STD-202, Method 101, Condition B		Insertion Loss <u>.12f GHz dB MIN</u>						Corona, 70,000 Ft (VRMS MIN) <u>190</u>						Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>						Contact Resistance (Milliohms MAX)		DESIGNED FOR USE WITH <u>.085 DIA S.R.</u>				Center Contact <u>6.0</u>		CABLE ENTRY DIAMETER MINIMUM				Outer Contact <u>2.0</u>		HOUSING		.089		Cable to Housing <u>0.5</u>						RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>325</u>						I.R.(Megohms MIN) <u>5000</u>						HOUSING		BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204	
ELECTRICAL		MECHANICAL		ENVIRONMENTAL																																																																																							
Nominal Impedance (Ohms) <u>50</u>		Force to Engage (Lbs MAX) <u>15</u>		Temperature Rating <u>-65°C To +125°C</u>																																																																																							
Frequency Range (GHz) DC to <u>26.5</u>		Disengage (Lbs MIN) <u>2.0</u>		Vibration MIL-STD-202, Method 204, Condition D																																																																																							
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>		Center Contact Retention <u>1.5 Lbs MIN</u>		Thermal Shock MIL-STD-202, Method 107, Condition B,																																																																																							
VSWR <u>1.25 MAX @ 26.5 GHz</u>		Durability <u>100 cycles</u>		Corrosion - MIL-STD-202, Method 101, Condition B																																																																																							
Insertion Loss <u>.12f GHz dB MIN</u>																																																																																											
Corona, 70,000 Ft (VRMS MIN) <u>190</u>																																																																																											
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>																																																																																											
Contact Resistance (Milliohms MAX)		DESIGNED FOR USE WITH <u>.085 DIA S.R.</u>																																																																																									
Center Contact <u>6.0</u>		CABLE ENTRY DIAMETER MINIMUM																																																																																									
Outer Contact <u>2.0</u>		HOUSING		.089																																																																																							
Cable to Housing <u>0.5</u>																																																																																											
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>325</u>																																																																																											
I.R.(Megohms MIN) <u>5000</u>																																																																																											
DIELECTRIC		PTFE FLUOROCARBON PER ASTM-D-1457		N/A																																																																																							
CENTER CONTACT CONTACT FINGER ANTI-ROCK RING EMI RING		BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204																																																																																							
COMPONENT		MATERIAL		FINISH																																																																																							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <i>BP</i> DATE <u>4/15/93</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599																																																																																							
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY <i>DC</i>																																																																																									
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 item(s) without written permission.		APPD BY <i>DC</i> DATE <u>4/21/93</u>		TITLE OSMP RIGHT ANGLE CABLE JACK DIRECT SOLDER ATTACHMENT																																																																																							
USE ASSY PROCEDURE		408-04740		SIZE B																																																																																							
NO. A.P. <u>29-002</u>		CODE IDENT NO. <u>26805</u>		2908-7985-62																																																																																							
		SCALE 10:1		REV 03 ₀																																																																																							
		SHEET 1 OF 1																																																																																									