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<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) 50</td><td colspan="2">Interface Dimensions</td><td colspan="2">TEMPERATURE RATING -65° TO +125°C</td></tr><tr><td colspan="2">Frequency Range (GHz) DC to 18</td><td colspan="2">DESC SPEC 85071</td><td colspan="2">Vibration MIL-STD-202, Method 204, Condition D</td></tr><tr><td colspan="2">Volt Rating (VRMS MAX) @ Sea Level 335</td><td colspan="2">Mating Characteristics:</td><td colspan="2">Shock MIL-STD-202, Method 213, Condition I</td></tr><tr><td colspan="2">VSWR N/A</td><td colspan="2">Insertion (MAX Lbs) N/A</td><td colspan="2">Thermal Shock MIL-STD-202, Method 107, Condition B</td></tr><tr><td colspan="2">Insertion Loss (dB MAX) N/A</td><td colspan="2">Withdrawal (MIN Oz) N/A</td><td colspan="2">Moisture Resistance MIL-STD-202, Method 106</td></tr><tr><td colspan="2">RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-F(GHz))</td><td colspan="2">Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5</td><td colspan="2">Corrosion - MIL-STD-202, Method 101, Condition B</td></tr><tr><td colspan="2">Corona, 70,000 Ft (VRMS MIN) 250</td><td colspan="2">Center Contact Captivation</td><td colspan="2"></td></tr><tr><td colspan="2">Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000</td><td colspan="2">Axial (Lbs) 6</td><td colspan="2"></td></tr><tr><td colspan="2">Contact Resistance (Milliohms MAX)</td><td colspan="2">Weight (Grams) TBD</td><td colspan="2"></td></tr><tr><td colspan="2">Center Contact 2.0</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Outer Contact 2.0</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Cable to Housing N/A</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">I.R.(Megohms MIN) 5000</td><td colspan="2"></td><td colspan="2"></td></tr></table>							ELECTRICAL		MECHANICAL		ENVIRONMENTAL		Nominal Impedance (Ohms) 50		Interface Dimensions		TEMPERATURE RATING -65° TO +125°C		Frequency Range (GHz) DC to 18		DESC SPEC 85071		Vibration MIL-STD-202, Method 204, Condition D		Volt Rating (VRMS MAX) @ Sea Level 335		Mating Characteristics:		Shock MIL-STD-202, Method 213, Condition I		VSWR N/A		Insertion (MAX Lbs) N/A		Thermal Shock MIL-STD-202, Method 107, Condition B		Insertion Loss (dB MAX) N/A		Withdrawal (MIN Oz) N/A		Moisture Resistance MIL-STD-202, Method 106		RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-F(GHz))		Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5		Corrosion - MIL-STD-202, Method 101, Condition B		Corona, 70,000 Ft (VRMS MIN) 250		Center Contact Captivation				Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		Axial (Lbs) 6				Contact Resistance (Milliohms MAX)		Weight (Grams) TBD				Center Contact 2.0						Outer Contact 2.0						Cable to Housing N/A						RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670						I.R.(Megohms MIN) 5000					
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HOUSING		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		GOLD PLATE PER MIL-G-45204																																																																																												
DIELECTRIC		PTFE FLUOROCARBON PER ASTM-D-1457		N/A																																																																																												
CENTER CONTACT		BRASS PER ASTM B 16		GOLD PLATE PER MIL-G-45204																																																																																												
O-RING		FLOUROSILICONE PER MIL-R-25988, CLASS I, TYPE I.		N/A																																																																																												
COMPONENT		MATERIAL		FINISH																																																																																												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY DATE 1/22/98		M/A-COM a Division of AMP Incorporated 140 Fourth Avenue Waltham, MA 02154-7577																																																																																												
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°		CHECKED BY APP'D BY 3/20/98		AMP M/A-COM																																																																																												
These drawings and specifications are the property of M/A COM Interconnect Div. 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.		USE ASS'Y PROCEDURE		TITLE DSP PRINTED CIRCUIT BOARD PLUG RECEPTACLE - STRAIGHT TERMINAL																																																																																												
		NO. AP. N/A		SIZE B CODE IDENT NO. 26805 4563-5004-00 REV 01 0																																																																																												
				SCALE 5:1 SHEET 1 OF 1																																																																																												

| CUSTOMER DRAWING AMP PART # 1253111-1 SHEET 1 OF 1 REV C | | | | | | |

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