



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	PATLAN 2/12/98	<i>[Signature]</i>

DESIGNED FOR USE WITH RG 174, 316/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.067
CONTACT	.021

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C To +165°C</u>
Frequency Range (GHz) <u>DC to 3.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Torque <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR -- <u>1.15 + .01 X (f GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss <u>.06 √f (GHz)</u>	Insertion (MAX Lbs) <u>3</u>	Except High Temp <u>+85°C</u>
RF Leakage (dB MIN) <u>-60dB Min @ 2-3 GHz</u>	Withdrawal (MIN Oz) <u>1</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0 MIN</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>20 MIN</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Torque (In-Oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>10,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
REAR DIELECTRIC	NYLON	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>PATLAN</u> DATE <u>2/12/98</u>		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	CHECKED BY <i>[Signature]</i>	
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USE ASS'Y PROCEDURE		NO. AP. <u>20-530</u>		TITLE <u>OSM FLANGE MOUNT CABLE JACK-SOLDER ATTACHMENT M39012/58-3007 CATA</u>
408-04927		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>2036-8007-92</u>
		SCALE <u>4 : 1</u>	REV <u>010</u>	
				SHEET 1 OF 1

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