



DESIGNED FOR USE WITH RG196/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.101
SLEEVE	.037
DIELECTRIC	.021
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
022	REVISED	9/10/96	[Signature]

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) DC to <u>12</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>170</u>	Torque <u>7-10</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.20 ±.025</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp +85°C.
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>125</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Center Contact Captivation	<u>.XXX = in</u> <u>XX.X = mm (REF)</u>
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</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 MIN) <u>10</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>335</u>	Torque (In-Oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT INNER SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE 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
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY SP	DATE 8/22/77		AMP Incorporated		
	CHECKED BY RBG	8/25/77		140 Fourth Avenue Waltham, MA 02451-7599		
APPD BY RMF	8/29/77	TITLE OSM STRAIGHT CABLE JACK CRIMP ATTACHMENT				
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	SCALE 3 : 1		SHEET 1 OF 1			