



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REDRAWN	12/05/95	<i>RA</i>

DESIGNED FOR USE WITH RG-196 CABLE	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.032
CONTACT	.016

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
GASKET	VITON "A" PER MIL-R-83248	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/11	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
REAR DIELECTRIC	NYLON	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>	Temperature Rating <u>-65°C To +165°C</u>
Frequency Range (GHz) <u>DC to 12.4</u>	Recommended Mating Torque <u>7 - 10 IN LBS.</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>-- 1.15 + .01</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss <u>0.15 dB Max at 6GHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60dB Min @ 2-3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0 MIN</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Cable Retention Axial Force (Lbs) <u>20 MIN</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
LR.(Megohms MIN) <u>10,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. DEC. ANGLES
± 1/64 ± .005 ± 1°

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DRAWN BY *M.M.* DATE 10/27/94
CHECKED BY
APPD BY *RA* 12/16/95

USE ASS'Y PROCEDURE
NO. AP. 20-059
408-04806

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE **OSM 4 HOLE FLANGE MOUNT CABLE JACK CRIMP ATTACHMENT**

SIZE	CODE IDENT NO.	REV
B	26805	01

SCALE 3 : 1 SHEET 1 OF 1