



REVISIONS

REV	DESCRIPTION	DATE	APPROVED
012	REDRAWN IN CAD; PER ECN 94-0474	N.C. 7/21/95	<i>PCW</i> 7/28/95

.XXX = in  
XX.X = mm

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

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT 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
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. 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) <u>0</u> 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, Except High Temp +85°C
Insertion Loss <u>.06√f (GHz)</u>	Insertion (MAX Lbs) <u>3</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60dB Min @ 2-3 GHz</u>	Withdrawal (MIN Oz) <u>1</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	
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>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>K.W.</u> DATE <u>09/01/77</u>		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY <u>K.W.</u> DATE <u>09/01/77</u>		
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.		APPD BY <u>R.M.F.</u> DATE <u>09/01/77</u>		
USE ASS'Y PROCEDURE		TITLE <u>OSM 4 HOLE FLANGE MOUNT CABLE JACK CRIMP ATTACHMENT</u>		
NO. AP. <u>20-057</u> <u>408-04808</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>012</u>
		SCALE <u>3 : 1</u>	<u>2036-5004-02</u>	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052024-1  
SHEET 1 OF 1 REV A