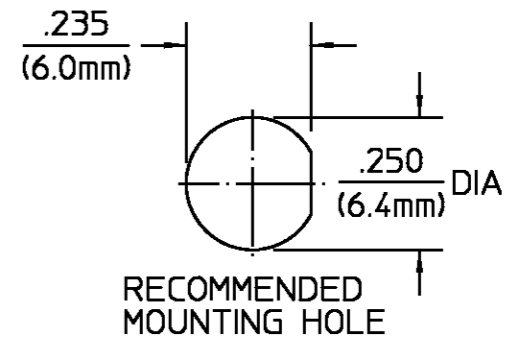


DESIGNED FOR USE WITH RG179/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.020
DIELECTRIC	.021
SLEEVE	.067
FERRULE	.125

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₃	REDRAWN ON CAD ECN 92-0009	8/6/93	<i>[Signature]</i> 8/6/93



COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CLAMP NUT		
SLEEVE	TFE FLUOROCARBON PER ASTM-D-1457	N/A
LOCKWASHER		
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
O - RING	SILICONE RUBBER PER ZZ-R-765, CLASS 2B	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Torque <u>7-10 In.Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.15+0.02(f)GHz</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss (dB MAX) <u>.06 f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60dB</u>	Withdrawal (MIN Oz) <u>1.0</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>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Center Contact Captivation	
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) <u>20</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>5000</u>	Weight (Grams) <u>4.2</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY <u>EJC</u> DATE <u>5/16/69</u>			AMP Incorporated	
	CHECKED BY <u>BWC</u> DATE <u>5/19/69</u>			140 Fourth Avenue Waltham, MA 02451-7599	
These drawings and specifications are the property of Omni Spectra Incorporated 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>DNANIA</u> DATE <u>5/20/69</u>	TITLE <u>OSM STRAIGHT BULKHEAD FEEDTHROUGH CABLE JACK - CRIMP ATTACHMENT</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
	USE ASS'Y PROCEDURE	NO. AP. <u>4080-04804 (20-062)</u>		SCALE <u>3:1</u>	<u>2034-5005-00</u>
					REV <u>03₃</u>