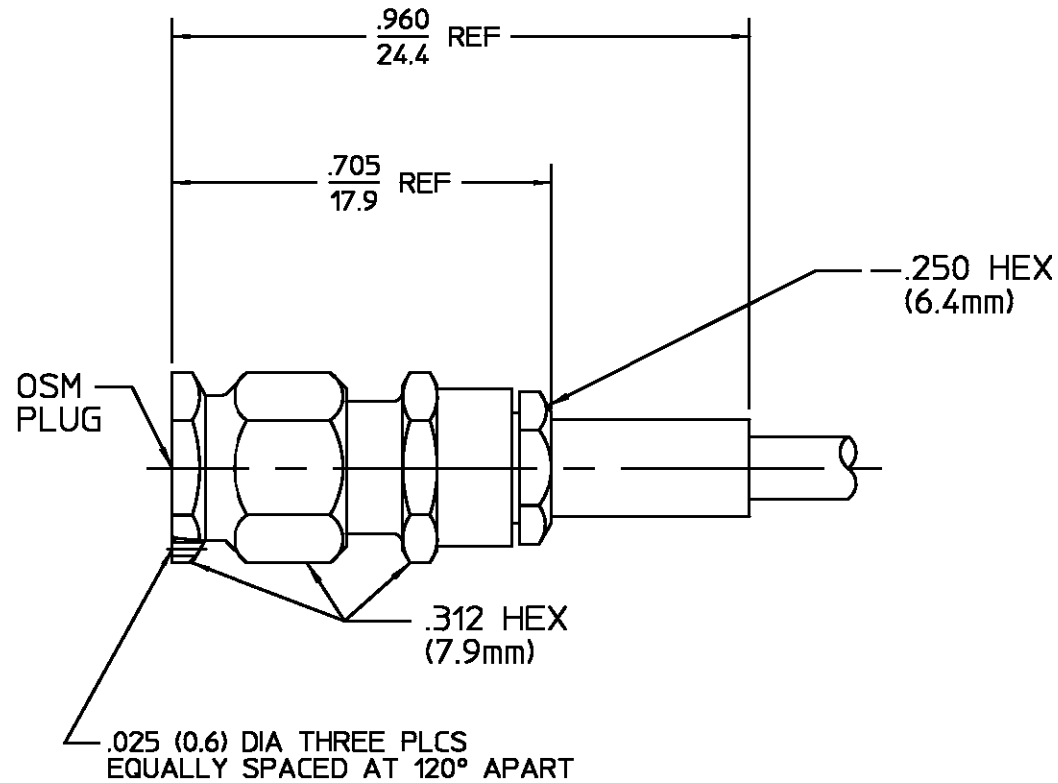


DESIGNED FOR USE WITH RG188U CABLE	REVISIONS			
CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE	APPROVED
CONTACT	010	RELEASED	7/16/94	<i>RA</i>
SLEEVE				
CLAMP NUT				



HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
REAR DIELECTRIC	NYLON OR ZYTEL #101 PER MIL-M-20693A	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	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-LB</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.15±.02 f(GHz)</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>N/A</u>	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) <u>-60</u>	Withdrawal (MIN Oz) <u>N/A</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</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>5,000</u>	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>RA</i> DATE <u>7/5/94</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY <i>RA</i>	
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 items without written permission.	APPD BY <i>RA</i> DATE <u>7/16/94</u>	AMP
	USE ASS'Y PROCEDURE	
NO. AP. <u>408-04933 (20-517)</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u>	2031-8026-92
	SCALE <u>3:1</u>	REV <u>010</u>
		SHEET 1 OF 1

.XXX = in  
XX.X = mm