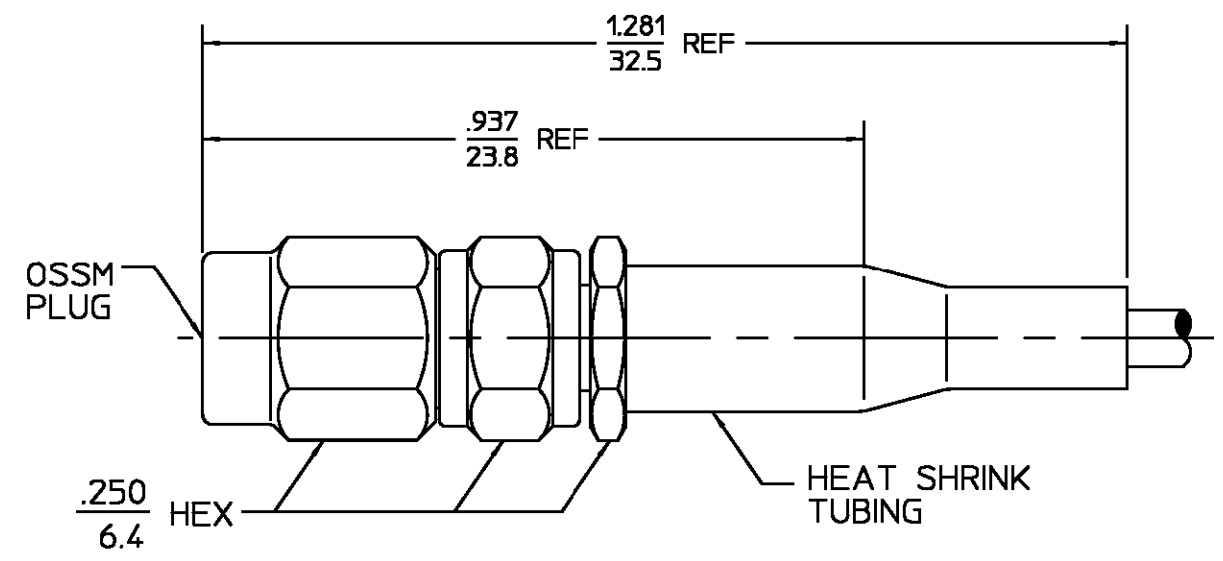


DESIGNED FOR USE WITH RG-196/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.098
SLEEVE	.036
CONTACT	.014

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	REVISED	04/20/94	<i>AD</i>



COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT	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, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, 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
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
SLEEVE	BRASS PER ASTM-B-16 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 319.1	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) <u>DC to MAX</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
<u>OPERATING FREQUENCY OF CABLE</u>	Torque <u>4 - 5 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
Volt Rating (VRMS MAX)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
@ Sea Level <u>250</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp +85°C
VSWR <u>1.07±.015 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Force to Engage and	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-60 dB @ 2-3 GHz</u>	Disengage (In-Lbs MAX) <u>2.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage	Axial (Lbs) <u>4.0</u>	
(VRMS MIN) @ Sea Level <u>750</u>	Radial (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>4.0</u>	Axial Force (Lbs MIN) <u>10</u>	
Outer Contact <u>2.0</u>	Torque (In-Oz) <u>N/A</u>	
Cable to Housing <u>5.0</u>	Weight (Grams) <u>TBD</u>	
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) <u>500</u>		
LR.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY RNL		DATE 5/28/74		AMP Incorporated		
TOLERANCE ON		CHECKED BY RMF		DATE 5/29/74		140 Fourth Avenue		
FRAC.	DEC.	ANGLES	APPD BY PRB		DATE 5/29/74		Waltham, MA 02451-7599	
± 1/64	±.005	± °						
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.				USE ASS'Y PROCEDURE		TITLE OSSM STRAIGHT CABLE PLUG CRIMP CLAMP ATTACHMNET		
				408-04787 (10-015)		NO. AP.		
SIZE B		CODE IDENT NO. 26805		1031-7196-00		REV 01 ₃		
SCALE 5 : 1				SHEET 1 OF 1				

CUSTOMER DRAWING

AMP PART # 1045492-1
SHEET 1 OF 1 REV A