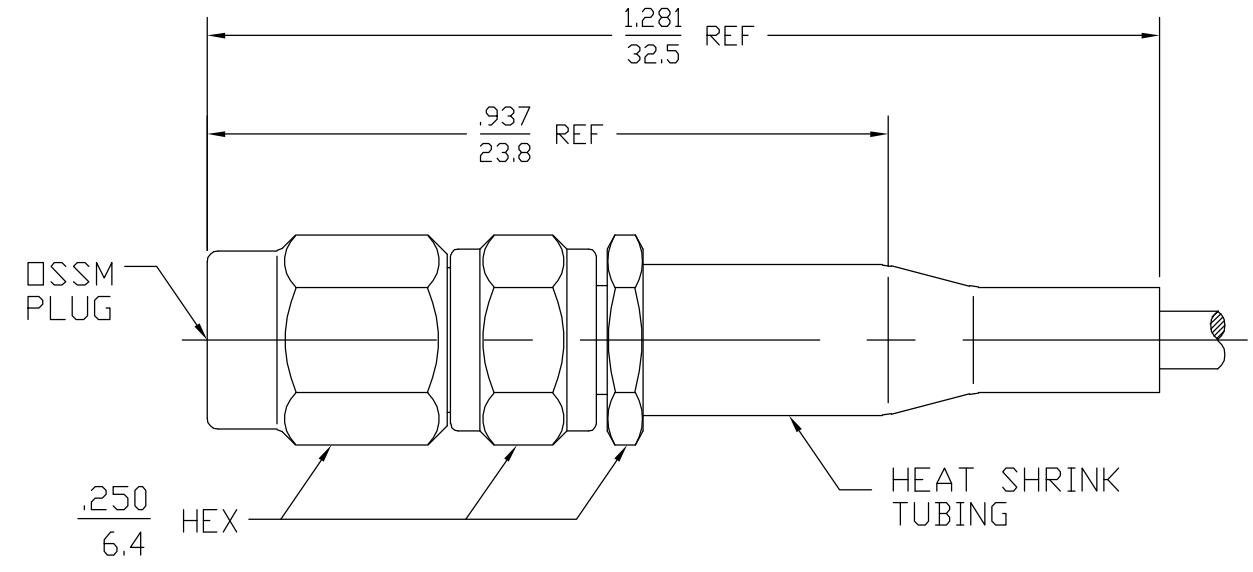


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LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER OH14-0582-04	9-12-05	TJB	FB



HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
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	NICKEL PLATE PER QQ-N-290
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
COMPONENT	MATERIAL	FINISH

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, EXCEPT HIGH TEMP +85°C
@ Sea Level <u>250</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
VSWR <u>1.07 MAX UP TO 400 MHZ MAX.</u>	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
RF Leakage (dB MIN) <u>-60 dB @ 2-3 GHz</u>	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Axial (Lbs) <u>4.0</u>	
Dielectric Withstanding Voltage	Radial (In-Oz) <u>N/A</u>	
(VRMS MIN) @ Sea Level <u>750</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) <u>10</u>	
Center Contact <u>4.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>5.0</u>		
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) <u>500</u>		
I.R.(Megohms MIN) <u>5,000</u>		

.XXX = in  
XX.X = mm

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

1044568-1  
PART NUMBER

USE ASS'Y PROCEDURE  
408-04787  
(10-015)  
NO. A.P. \_\_\_\_\_

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	9-12-05	<b>tyco</b> Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
		CHK	12-29-05			
		APVD	12-29-05	NAME		
		PRODUCT SPEC		OSSM STRAIGHT CABLE PLUG CRIMP CLAMP ATTACHMENT		
		APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO
		WEIGHT		A3	00779	C-1044568
		CUSTOMER DRAWING		SCALE	SHEET	REV
				4:1	1 OF 1	B