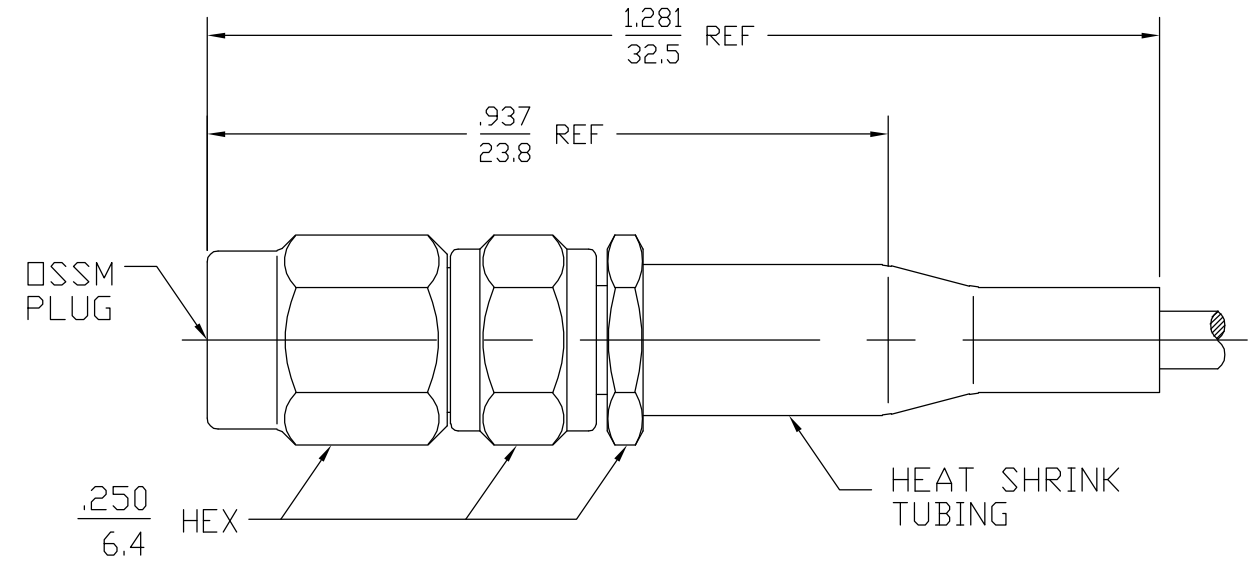


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LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REV PER OH14-0582-04	9-12-05	TJB	FB



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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 319.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to MAX	Recommended Mating Torque 4 - 5 in-lbs	Vibration MIL-STD-202, Method 204, Condition D.
OPERATING FREQUENCY OF CABLE	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I.
Volt Rating (VRMS MAX) @ Sea Level 250	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
VSWR 1.07 MAX UP TO 400 MHZ MAX.	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .04 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -60 dB @ 2-3 GHz Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation Axial (Lbs) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Cable Retention Axial Force (Lbs MIN) 10	
Contact Resistance (Milliohms MAX) Center Contact 4.0	Torque (In-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 5.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5,000		

.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 TIM BLANCH	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: INCHES		CHK 12-29-05 F.BLASICK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 12-29-05 F.BLASICK	NAME OSSM STRAIGHT CABLE PLUG CRIMP CLAMP ATTACHMENT
0 PLC ± -		PRODUCT SPEC	
1 PLC ± -		APPLICATION SPEC	SIZE
2 PLC ± -		WEIGHT	CAGE CODE
3 PLC ± .005			DRAWING NO
4 PLC ± -			RESTRICTED TO
ANGLES ± 1'			A3 00779
MATERIAL SEE TABLE			1044568
FINISH SEE TABLE			SCALE 4:1
			SHEET 1 OF 1
			REV B