

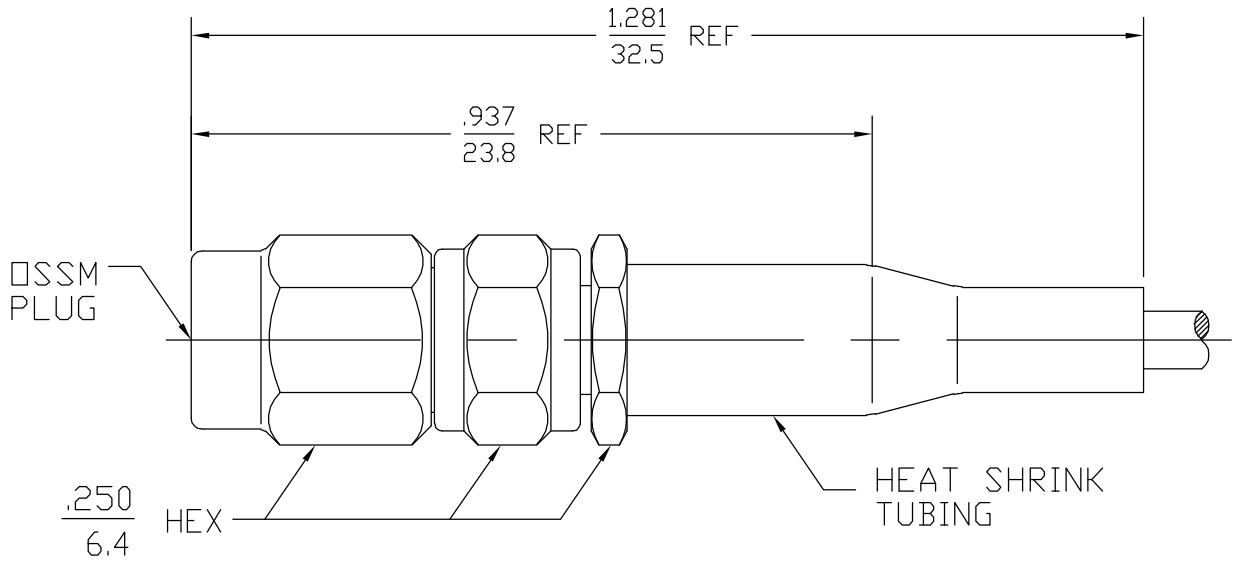
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0		B	REV PER OH14-0582-04	9-12-05	TJB	FB



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	Vibration MIL-STD-202, Method 204, Condition D.
OPERATING FREQUENCY OF CABLE	Torque 4 - 5 in-lbs	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 250	Insertion (MAX Lbs) 3.0	Moisture Resistance MIL-STD-202, Method 106
VSWR 1.07 MAX UP TO 400 MHZ MAX.	Withdrawal (MIN Oz) 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .04 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	
RF Leakage (dB MIN) -60 dB @ 2-3 GHz	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 4.0	Axial Force (Lbs MIN) 10	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 5.0	Weight (Grams) TBD	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5,000		

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
COMPONENT	MATERIAL	FINISH

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

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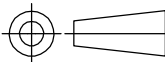
PART NUMBER

USE ASS'Y PROCEDURE

408-04787

(10-015)

NO. A.P. _____

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM BLANCH 9-12-05		tyco Electronics		Tyco Electronics Corporation					
		CHK F.BLASICK 12-29-05				Harrisburg, Pa 17105-3608					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1'		APVD F.BLASICK 12-29-05		NAME OSSM STRAIGHT CABLE PLUG CRIMP CLAMP ATTACHMENT					
				PRODUCT SPEC —							
				APPLICATION SPEC —							
				WEIGHT —							
				MATERIAL SEE TABLE		FINISH SEE TABLE		SIZE A3		CAGE CODE 00779	
CUSTOMER DRAWING						SCALE 4:1		SHEET 1 OF 1		REV B	