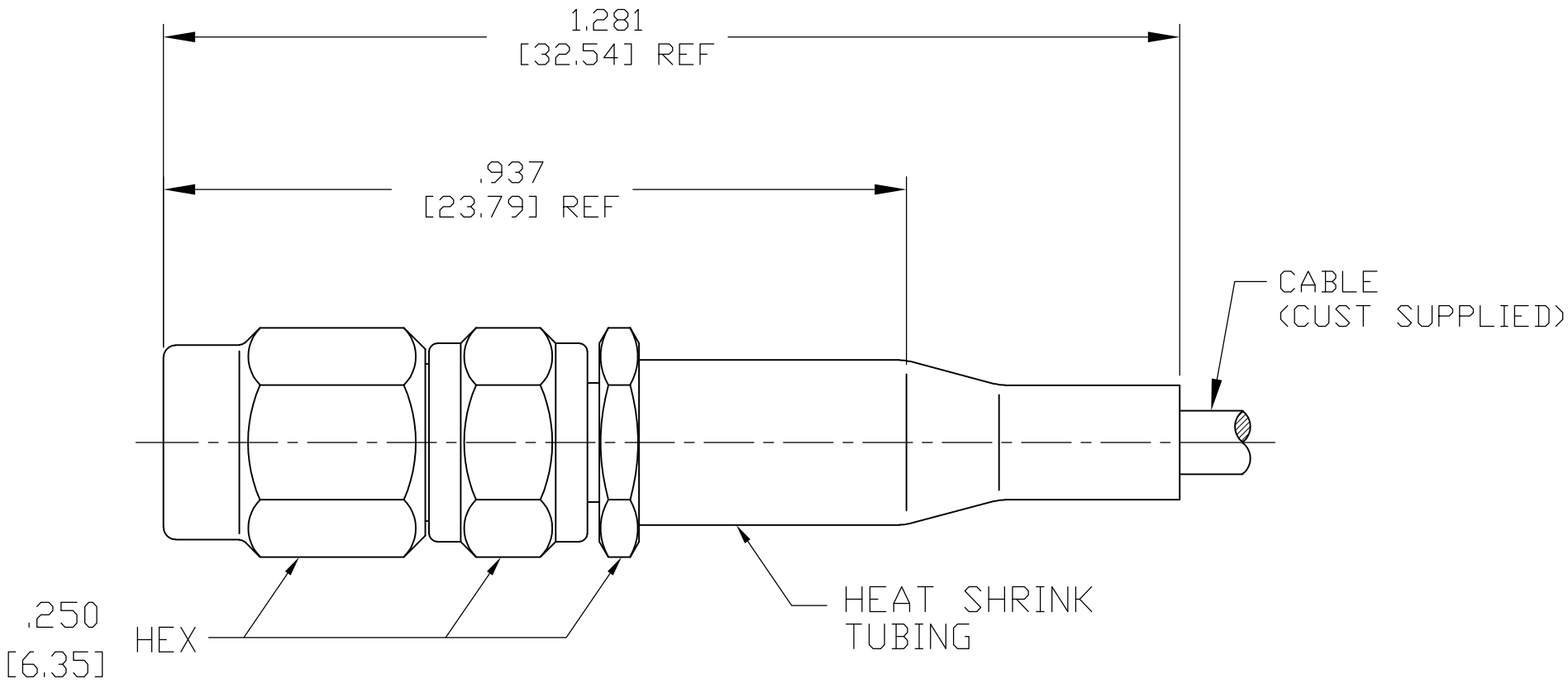


HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER ASTM-B-488 OVER 50 uin NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488 OVER 50 uin NICKEL PLATE PER QQ-N-290
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER ASTM-B-488 OVER COPPER PLATE PER AMS 2418
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	VITON PER MIL-R-83248, TYPE I, CLASS 1	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 ASTM-B-488 OVER COPPER PLATE PER AMS 2418
SLEEVE	BRASS PER ASTM-B-16 COMP. 360, HALF HARD	GOLD PLATE PER ASTM-B-488 OVER COPPER PLATE PER AMS 2418
COMPONENT	MATERIAL	FINISH

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,
@ Sea Level 250	Insertion (MAX Lbs) 3.0	EXCEPT HIGH TEMP +85°C
VSWR 1.20±0.3xf(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .04 √f(GHz)	Force to Engage and	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -60 dB @ 2-3 GHz	Disengage (In-Lbs MAX) 2.0	
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation	
Dielectric Withstanding Voltage	Axial (Lbs) 4.0	
(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		

LOC	DIST	REVISIONS				
DF	X0	P	LTR	DESCRIPTION	DATE	DWN
		C		REVISE PER ECO-08-015533	28AUG08	PY
						APVD
						DW



DESIGNED FOR USE WITH RG-196/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.098 [2.49]
SLEEVE	.036 [0.91]
CONTACT	.014 [0.36]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 10-30-07	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES [mm]		CHK D.WILSON 10-30-07				
		APVD D.WILSON 10-30-07	NAME			
		PRODUCT SPEC	SSMA STRAIGHT CABLE PLUG CRIMP CLAMP ATTACHMENT			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	-			
0 PLC ± -		408-04787	SIZE		DRAWING NO	
1 PLC ± -		WEIGHT -	A2		RESTRICTED TO	
2 PLC ± -		CUSTOMER DRAWING	CAGE CODE		REV	
3 PLC ± .005 [0.13]			00779		C	
4 PLC ± -			SCALE		SHEET	
ANGLES ± -			5:1		1 of 1	
FINISH			C=1996230			
MATERIAL						
SEE TABLE						

Mouser Electronics

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