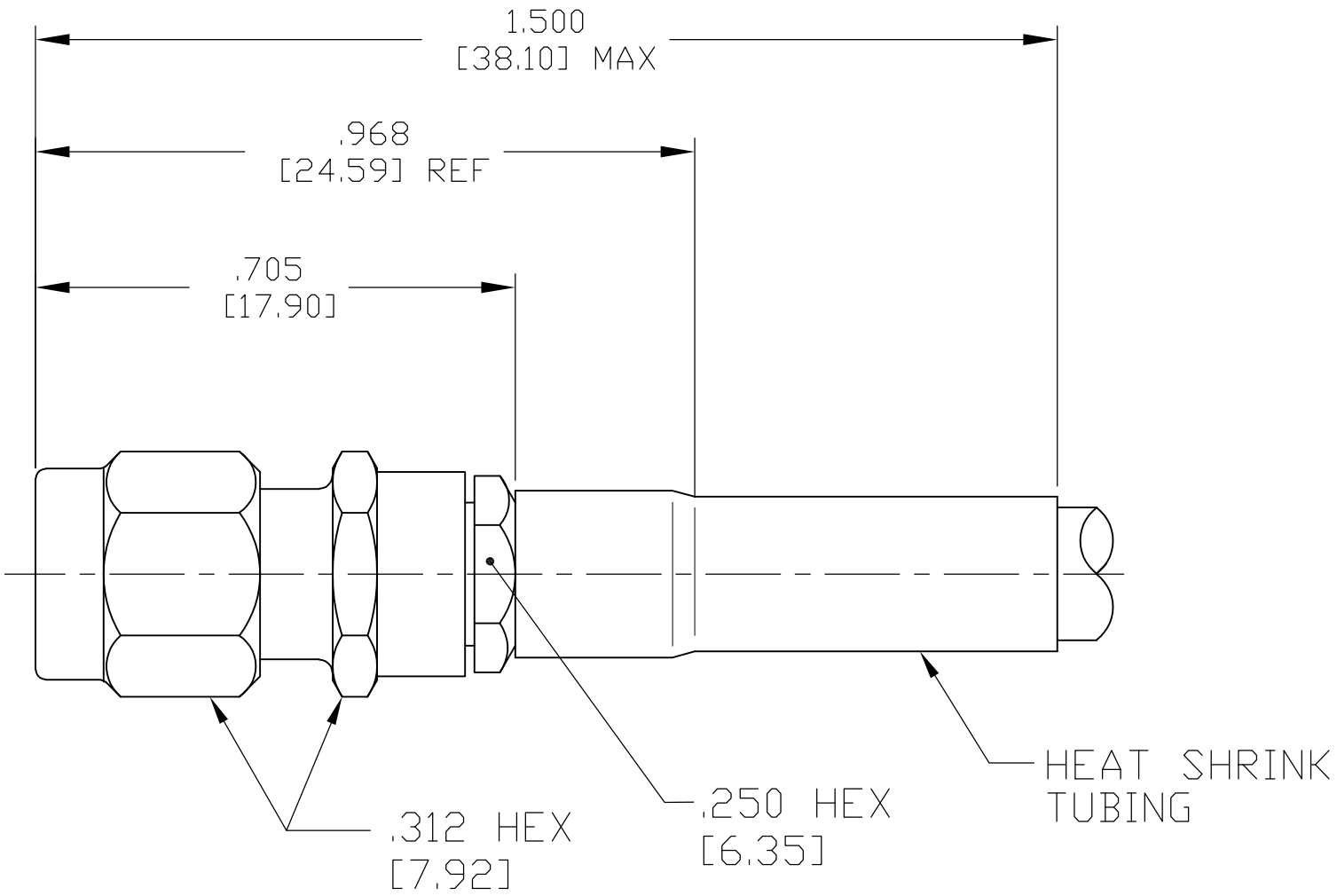


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HOUSING COUPLING NUT CLAMP NUT SLEEVE		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		DESCRIPTION		DATE	
DIELECTRIC		PTFE FLUOROCARBON PER ASTM-D-1457		RELEASED PER ECO 09-008263		4-3-09	
REAR DIELECTRIC		NYLON OR ZYTEL #101 PER MIL-M-20693A		DWN		APVD	
CENTER CONTACT		BRASS PER ASTM-B-16		GOLD PLATE PER MIL-G-45204		CT	
RETAINING RING		BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H		N/A			
GASKET O-RING		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			
COMPONENT		MATERIAL		FINISH			

DESIGNED FOR USE WITH RG-195/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.021 [0.53]
SLEEVE	.105 [2.67]
CLAMP NUT	.179 [4.55]

ELECTRICAL		MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50		Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 4.0		Recommended Mating	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)		Torque 7-10 IN-LB	204, Condition D
@ Sea Level 335		Mating Characteristics:	Shock MIL-STD-202, Method 213,
VSWR 1.15+.02 f(GHz)		Insertion (MAX Lbs) N/A	Condition I
Insertion Loss (dB MAX) .06 √f(GHz)		Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -[60-f(GHz)]		Force to Engage and	Method 107, Condition C,
Corona, 70,000 Ft (VRMS MIN) 190		Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage		Center Contact Captivation	Method 106,
(VRMS MIN) @ Sea Level 750		Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)		Radial (In-Oz) N/A	101, Condition B, 5% salt spray
Center Contact 3.0		Cable Retention	
Outer Contact 2.0		Axial Force (Lbs) 20 MIN	
Cable to Housing 0.5		Torque (In-Oz) N/A	
RF High Potential @ Sea Level		Weight (Grams) TBD	
(VRMS MIN @ 5 MHz) 500			
I.R.(Megohms MIN) 5,000			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 4-3-09		 Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608				
DIMENSIONS: INCHES [mm]		CHK D.WILSON 4-3-09						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 4-3-09		NAME SMA STRAIGHT CABLE PLUG CRIMP ATTACHMENT			
			PRODUCT SPEC —					
			APPLICATION SPEC 20-053					
			WEIGHT —					
MATERIAL SEE TABLE		FINISH —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1757851	RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 4:1	SHEET 1 of 1	REV A		