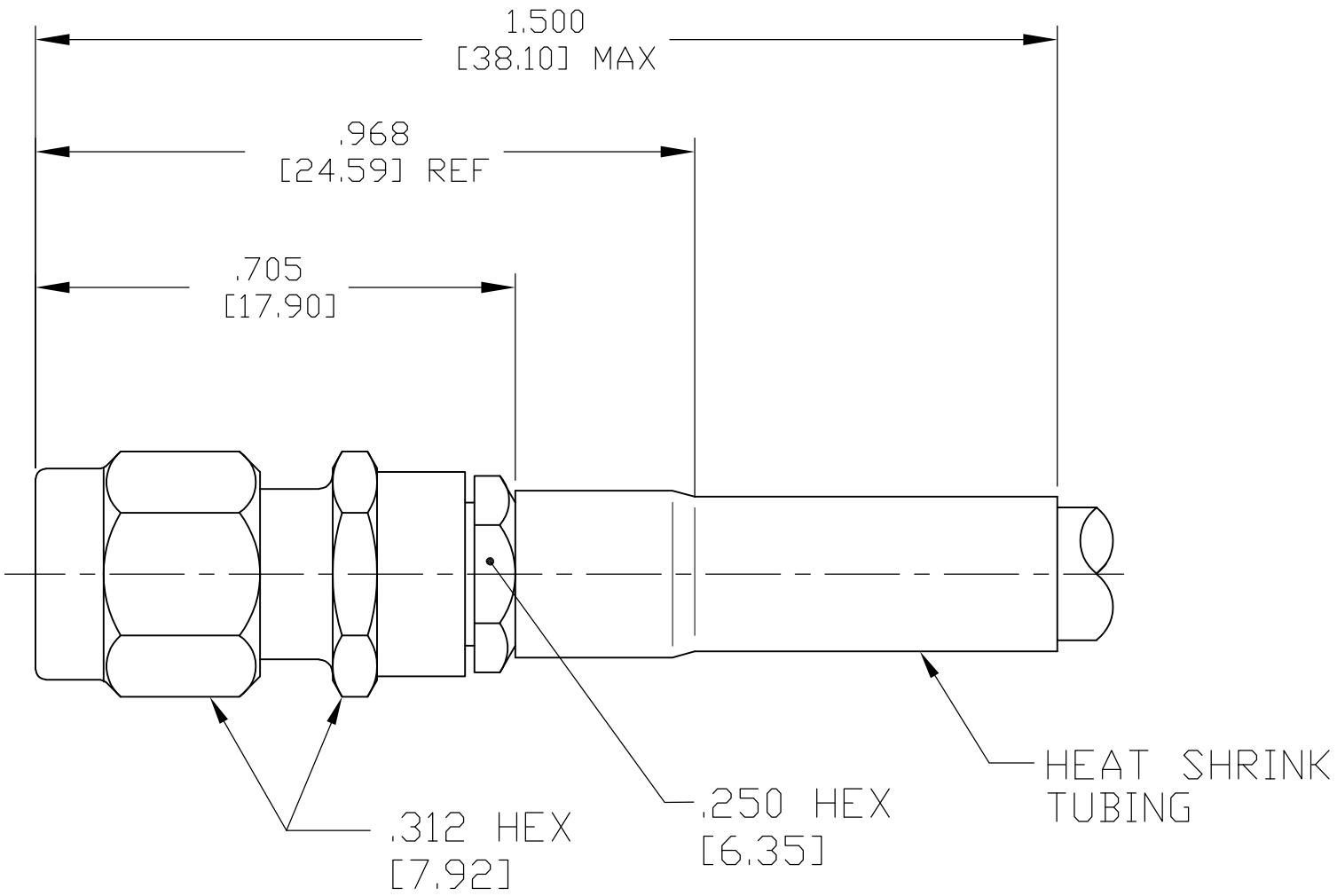
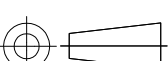


4		3	
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HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35	
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A	
REAR DIELECTRIC	NYLON OR ZYTEL #101 PER MIL-M-20693A	N/A	
CENTER CONTACT	BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204	
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 Corporation Harrisburg, PA 17105-3608									
			CHK D.WILSON 4-3-09											
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 4-3-09		NAME SMA STRAIGHT CABLE PLUG CRIMP ATTACHMENT								
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC —										
				APPLICATION SPEC 20-053		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO		
		MATERIAL SEE TABLE		FINISH —		WEIGHT —		A2		00779		C=1757851		—
CUSTOMER DRAWING					SCALE		4:1		SHEET		1 of 1		REV A	

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