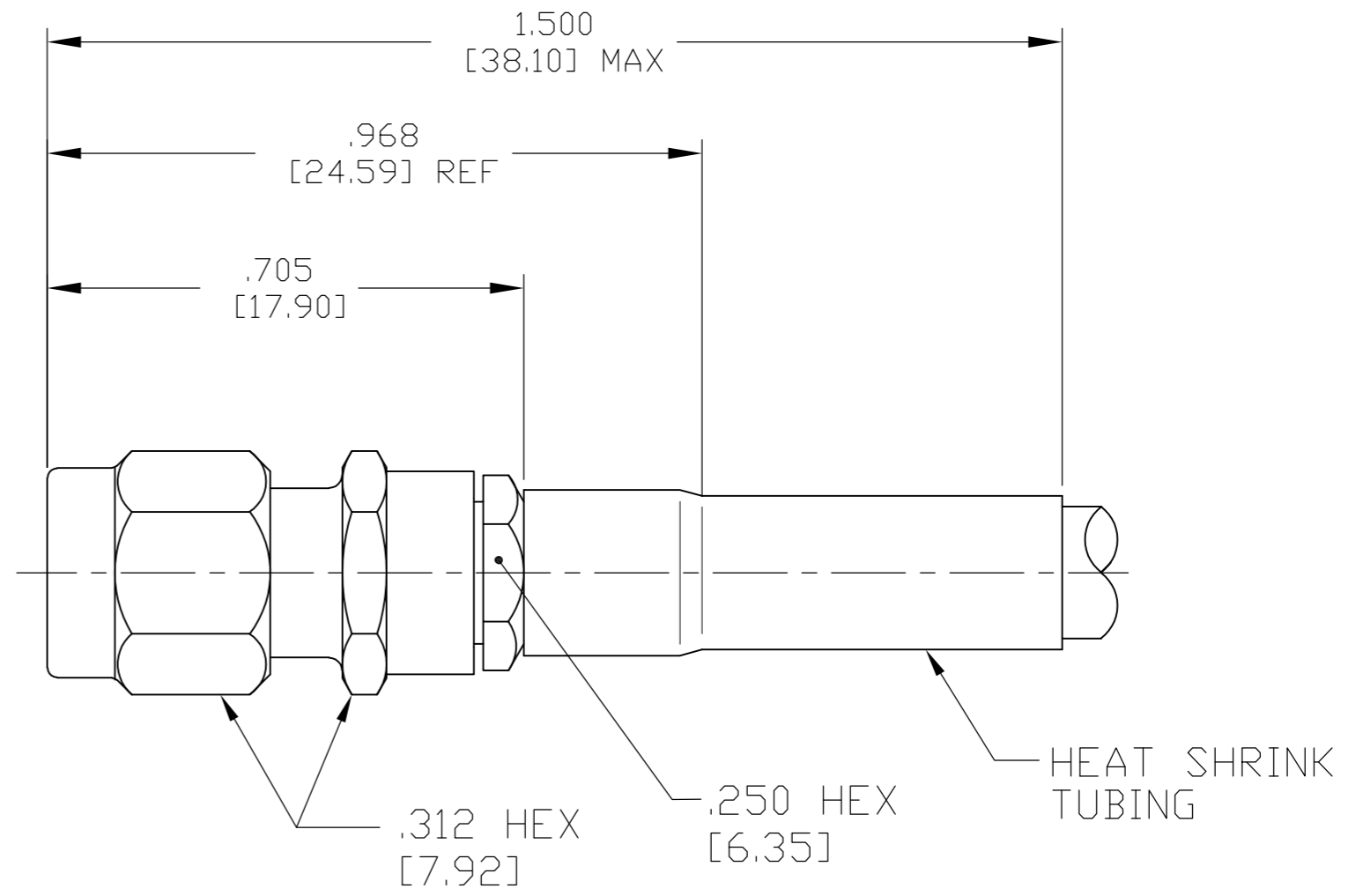


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HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35	
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A	
REAR DIELECTRIC	NYLON OR ZYTEL #101 PER MIL-M-20693A	N/A	
CENTER CONTACT	BRASS PER 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) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) <u>DC to 4.0</u>	Recommended Mating Torque <u>7-10 IN-LB</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.15+0.02 f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition C,
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Cable Retention Axial Force (Lbs) <u>20 MIN</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Torque (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) <u>TBD</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
I.R.(Megohms MIN) <u>5,000</u>		

LOC	DIST	REVISIONS					
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO 09-008263	4-3-09	CT	DW



1757851-1  
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 4-3-09	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES [mm]		CHK D.WILSON 4-3-09	NAME SMA STRAIGHT CABLE PLUG CRIMP ATTACHMENT	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 4-3-09	APPLICATION SPEC 20-053	
0 PLC ± -		SIZE A2		
1 PLC ± -		CAGE CODE 00779		
2 PLC ± -		DRAWING NO 1757851		
3 PLC ± .005 [0.13]		RESTRICTED TO -		
4 PLC ± -		SCALE 4:1		
ANGLES ± 1°		SHEET 1 of 1		
MATERIAL SEE TABLE		FINISH -		
		CUSTOMER DRAWING		
		REV A		