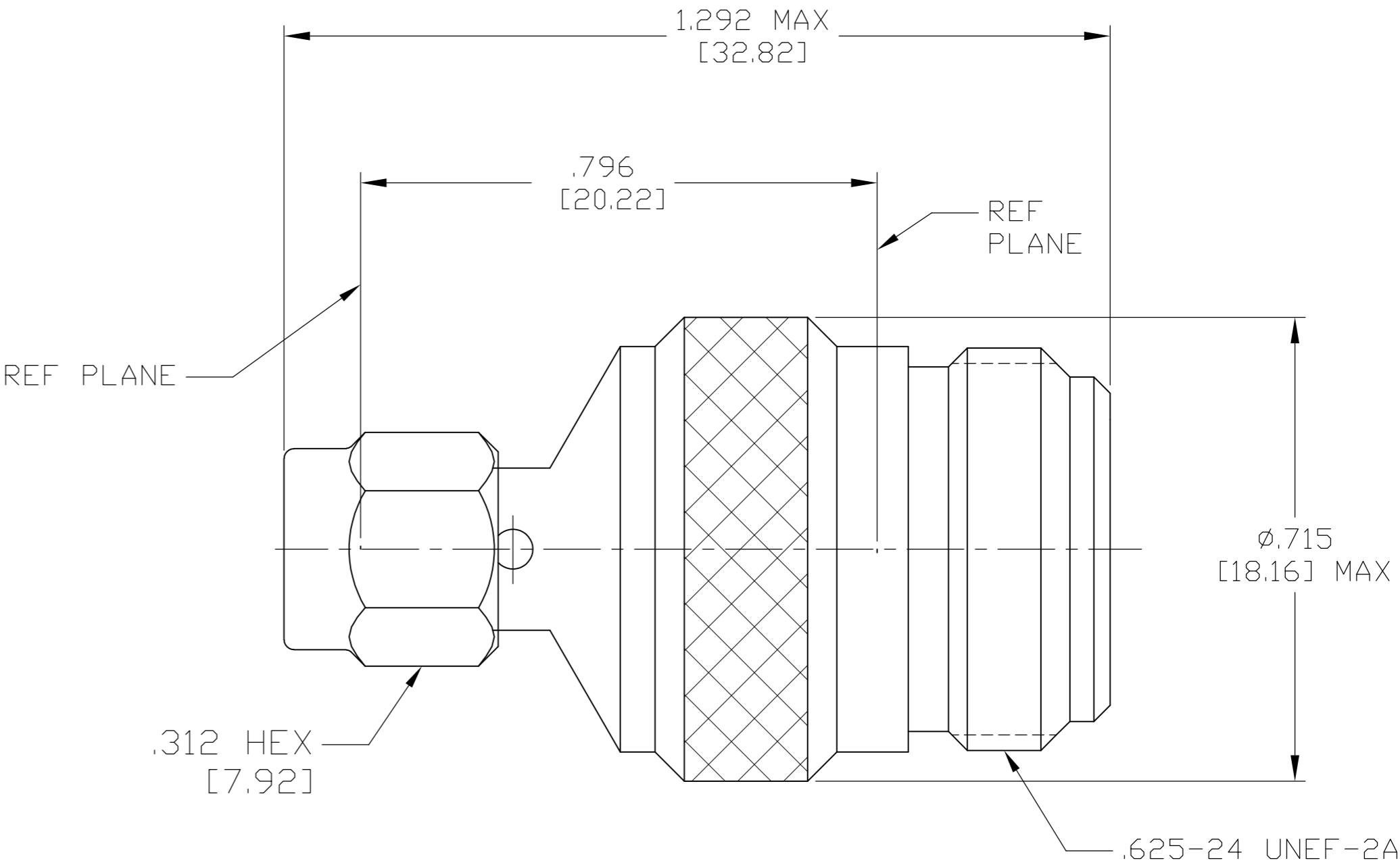




4		3		2		1	
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HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380					
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A					
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204					
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A					
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A					
COMPONENT	MATERIAL	FINISH					

B	ELECTRICAL	MECHANICAL	ENVIRONMENTAL
	Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) DC to <u>15</u> Volt Rating (VRMS MAX) @ Sea Level <u>335</u> VSWR <u>DC - 12.4GHz: 1.05+.005f(GHz) MAX</u> <u>12.4 - 15.0GHz: .83+.023f(GHz) MAX</u> Insertion Loss (dB MAX) <u>.18 @ 9GHz</u> RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u> Corona, 70,000 Ft (VRMS MIN) <u>250</u> Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u> Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u> Outer Contact <u>2.2</u> Cable to Housing <u>N/A</u> RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u> I.R.(Megohms MIN) <u>5,000</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1 (SMA) & 304.2 (N) Recommended Mating Torque: SMA: 7-10 in-lbs Type N: 12-15 in-lbs Mating Characteristics: SMA-Insertion (MAX lbs) <u>N/A</u> Type N-Insertion (MAX lbs) <u>2.0</u> SMA-Withdrawal (MIN oz) <u>N/A</u> Type N-Withdrawal (MIN oz) <u>2.0</u> Force to Engage and Disengage SMA (in-lbs MAX) <u>2.0</u> Type N (in-lbs MAX) <u>6.0</u> Center Contact Captivation Axial (lbs) <u>6.0</u> Radial (in-oz) <u>N/A</u> Cable Retention Axial Force (lbs) <u>N/A</u> Torque (in-oz) <u>N/A</u> Weight (Grams) <u>TBD</u>	TEMPERATURE RATING <u>-65°C TO +125°C</u> Vibration MIL-STD-202, Method 204, Condition B Shock MIL-STD-202, Method 213, Condition I. Thermal Shock MIL-STD-202, Method 107, Condition C, EXCEPT HIGH TEMP SHALL BE +115°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 8-13-09		 Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608				
DIMENSIONS: INCHES [mm]		CHK D.WILSON 8-13-09						
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± - FINISH		APVD D.WILSON 8-13-09		NAME SMA PLUG TO N SERIES JACK ADAPTER			
			PRODUCT SPEC —					
			APPLICATION SPEC —					
			WEIGHT —					
MATERIAL SEE TABLE	SEE TABLE		CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779	DRAWING NO C=1883417	RESTRICTED TO —
				SCALE 5:1		SHEET 1 of 1		REV A

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