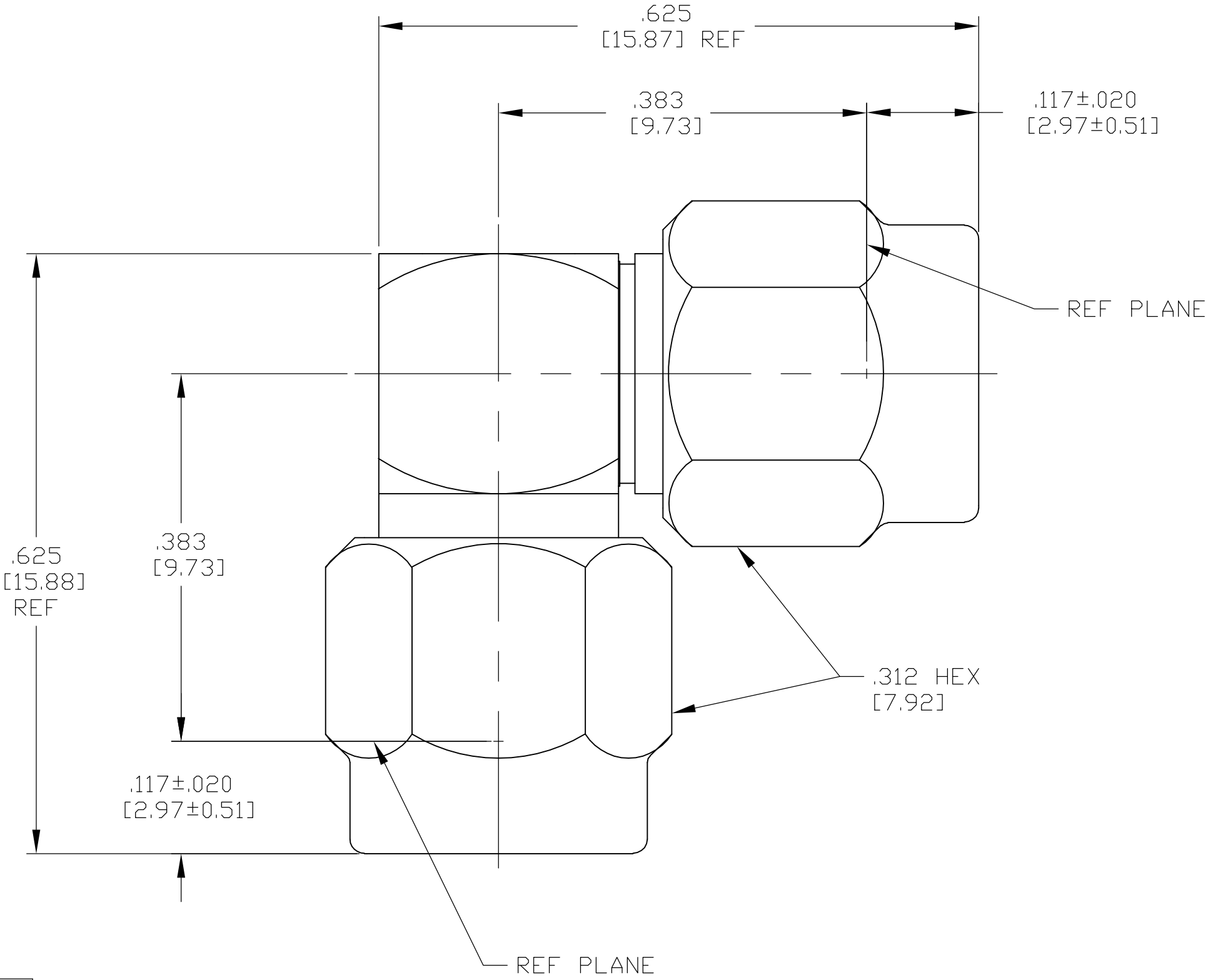


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0		A	RELEASED	1-8-07	CT	RG

HOUSING CAP COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM D-1710	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196	GOLD PLATE PER ASTM-B-488 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM-B196	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

1. CAPTURED CENTER CONTACT

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 - 12.4</u>		Vibration - MIL-STD-202, Method 204, Test Condition D
Volt Rating (VRMS MAX) <u>335</u>	Recommended Mating	Shock - MIL-STD-202, Method 213, Test Condition I
VSWR <u>1.05 + (.015 F<GHz>)</u>	Torque <u>7-10 In/Lbs</u>	Thermal shock MIL-STD-202, Method 107, Test Condition B
Insertion Loss (dB MAX) <u>.05√F<GHz></u>	Mating Characteristics:	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-(60 - F<GHz>)</u>	Insertion (MAX Lbs) <u>3.0</u>	Corrosion - MIL-STD-202, Method 101, Test Condition B
Fully Mated @ 2-3 GHz	Withdrawal (MIN Oz) <u>1.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force To Engage (In/Lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>N/A</u>	Force To Disengage (In/Lbs MAX) <u>2.0</u>	
Contact Resistance (Milliohms MAX)	Center Contact Captivation	
Center Contact <u>4.0</u>	Axial <u>6.0 Lbs</u>	
Outer Contact <u>2.0</u>	Radial <u>4.0 In/Oz</u>	
RF High Potential	Weight (Grams) <u>T.B.D.</u>	
(VRMS MIN @ 5 MHz) <u>670 @ sea level</u>		
I.R.(Megohms) <u>5000</u>		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 1-8-07		AMP Tyco Electronics Corporation Harrisburg, PA 17105-3608									
		CHK R.GROSS 1-8-07											
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R.GROSS 1-8-07		NAME							
		0 PLC ± -		PRODUCT SPEC		SMA RIGHT ANGLE PLUG TO PLUG ADAPTER							
		1 PLC ± -		—									
		2 PLC ± -		—									
		3 PLC ± .005 [0.13]		APPLICATION SPEC									
		4 PLC ± -		—									
ANGLES ± ±		FINISH		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
MATERIAL SEE TABLE		SEE TABLE		WEIGHT —		A2		00779		C=1883255		—	
CUSTOMER DRAWING				REF: 2087-0000-02				SCALE		SHEET		REV	
								8:1		1 of 1		A	