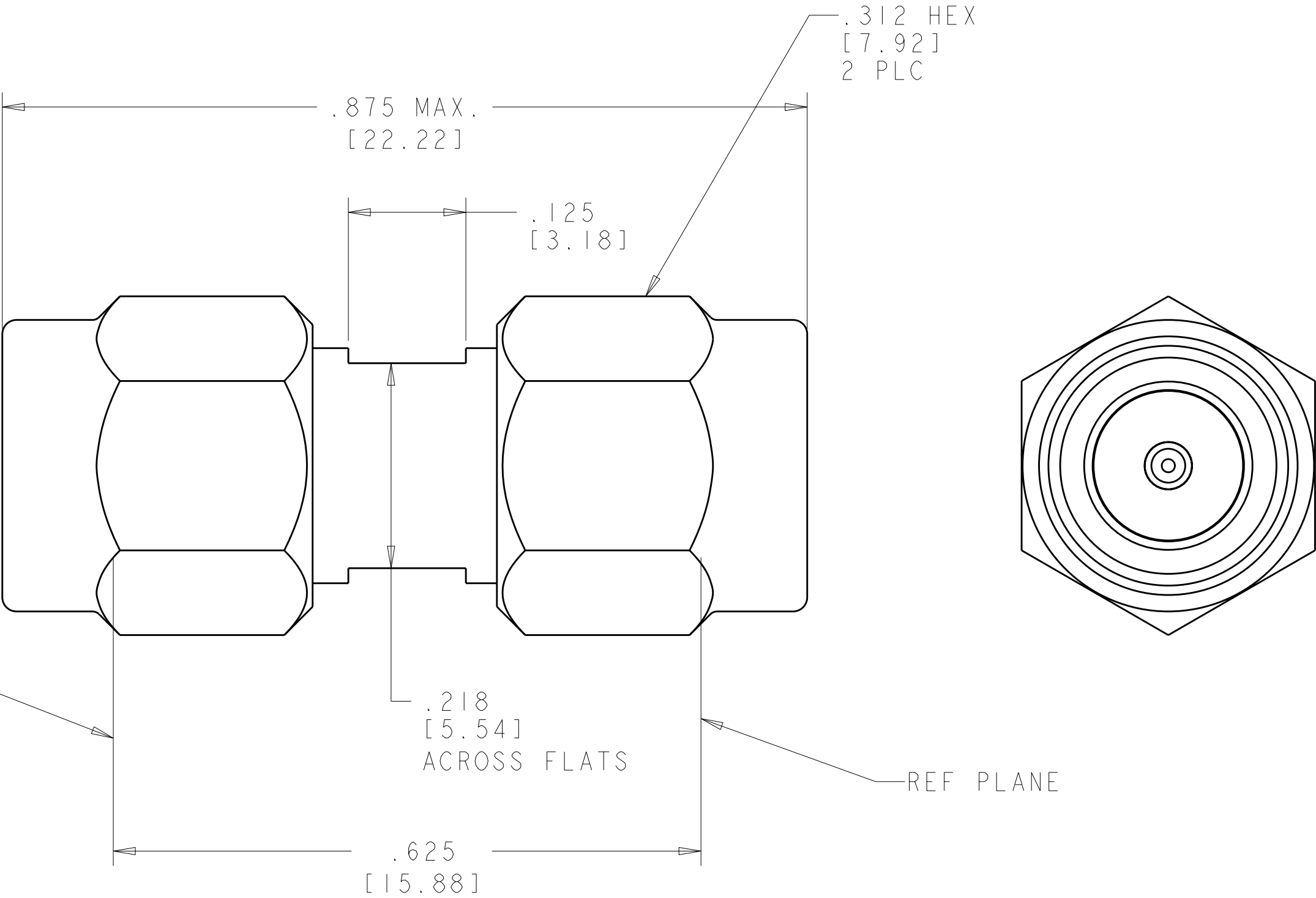


HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER ASTM B-488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER ASTM B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

I. ABSOLUTE INSERTION PHASE PER TABLE
AND A TEMPERATURE OF +25°C.

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 3.0	Recommended Mating	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Torque 7.0 to 10.0 In/Lbs	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.08 + .005f(GHz) MAX	Connector Engagement	Thermal shock MIL-STD-202, Method 107 Test Condition C
Insertion Loss (dB MAX) .06 √f(GHz)	Center Contact Captivation	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b
RF Leakage -[90-f(GHz)]	Axial 6 Lbs MIN	(Vibration) shall be omitted
Corona, 70,000 Ft (VRMS MIN) 250	Radial N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) 1000	Weight (Grams) 4.7	
Contact Resistance (Milliohms MAX)		
Center Contact 4.0		
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms) 5,000		



.850	-27°±0.5°@1.0GHz	1996352-1
.875	-24°±0.5°@1.0GHz	1996352-2
DIM. "A"	INSERTION PHASE	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN C.C.THOMAS 22JAN2008	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES [mm]		CHK D.WILSON 22JAN2008	NAME SMA PLUG TO PLUG ADAPTER, PHASE MATCHED	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±.005 [0.13] 4 PLC ±- ANGLES ±- FINISH		APVD D.WILSON 22JAN2008	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL SEE TABLE		PRODUCT SPEC -	-	
SEE TABLE		APPLICATION SPEC -	-	
SEE TABLE		WEIGHT SEE TBL	-	
SEE TABLE		CUSTOMER DRAWING	-	
SEE TABLE		SCALE 8:1	SHEET 1 OF 1	
SEE TABLE		REV B	-	