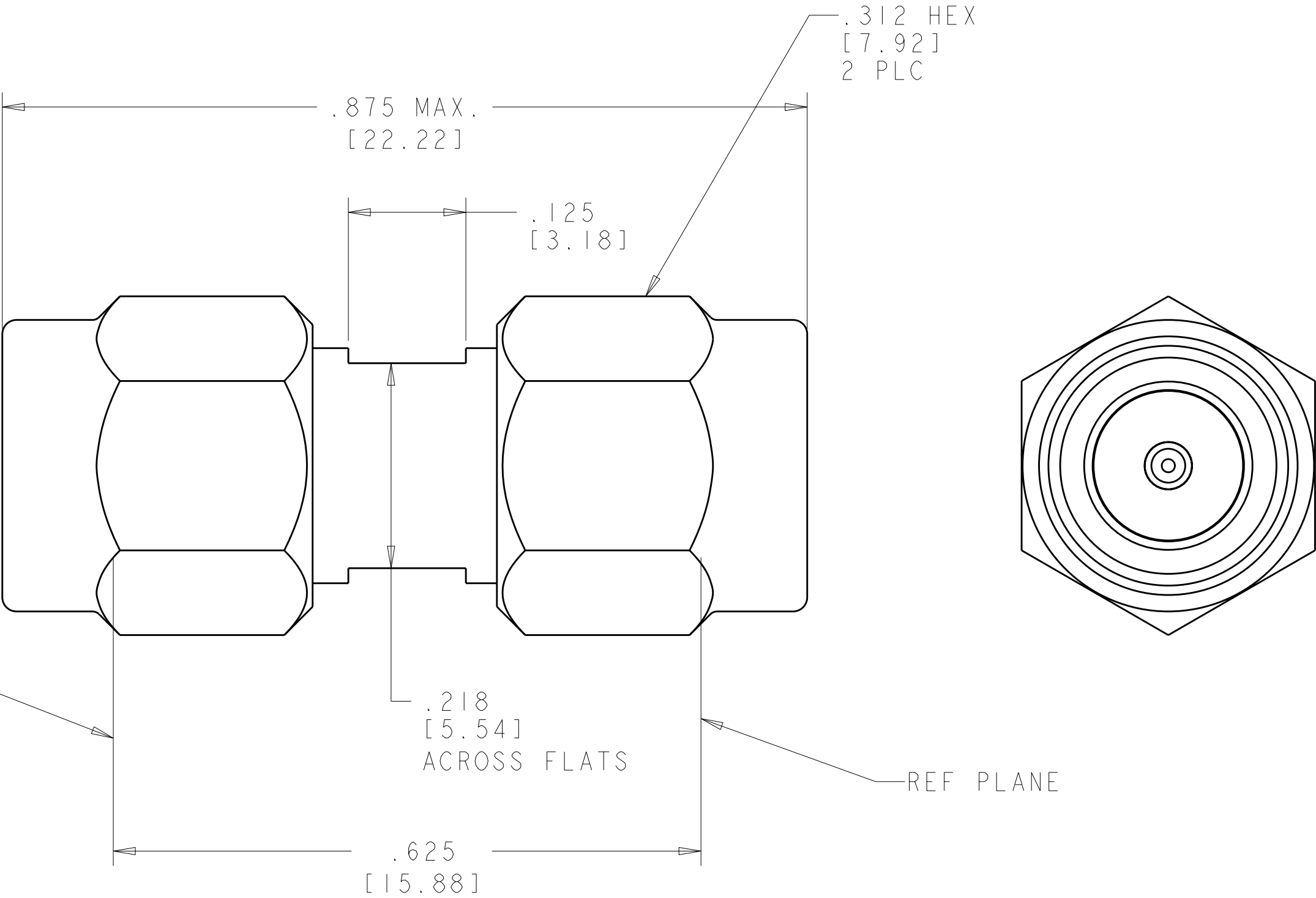


HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER ASTM B-488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER ASTM B-488
RETAINING RING	BERYLLIUM COPPER 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	TEMPERATURE RATING -65°C TO 165°C
Frequency Range (GHz) DC to 3.0	FIG 310.1	Vibration - MIL-STD-202, Method
Volt Rating (VRMS MAX) 335	Recommended Mating	204, Condition D
VSWR 1.08 + .005f(GHz) MAX	Torque 7.0 to 10.0 In/Lbs	Shock - MIL-STD-202, Method 213,
Insertion Loss (dB MAX) .06 √f(GHz)	Connector Engagement	Condition I
RF Leakage -[90-f(GHz)]	2.0 In/Lbs MAX	Thermal shock MIL-STD-202,
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Method 107 Test Condition C
Dielectric Withstanding Voltage	Axial 6 Lbs MIN	Moisture Resistance - MIL-STD-202,
(VRMS MIN) 1000	Radial N/A	Method 106, except Step 7b
Contact Resistance (Milliohms MAX)	Weight (Grams) 4.7	(Vibration) shall be omitted
Center Contact 4.0		Corrosion - MIL-STD-202, Method
Outer Contact 2.0		101, Condition B, 5% salt spray
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:		APVD D.WILSON 22JAN2008		
0 PLC ±-		PRODUCT SPEC	SIZE	
1 PLC ±-		APPLICATION SPEC	CAGE CODE	
2 PLC ±-			DRAWING NO	
3 PLC ±.005 [0.13]			RESTRICTED TO	
4 PLC ±-			-	
ANGLES ±-				
FINISH				
MATERIAL		WEIGHT	SEE TBL	
SEE TABLE			A200779C-1996352	
SEE TABLE		CUSTOMER DRAWING	SCALE 8:1	
			SHEET 1 OF 1	
			REV B	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1996352-1](#)