

## MATERIAL:

BODY &  
COUPLING NUT: STAINLESS STEEL PER AMS-561  
ALLOY UNS S31600, TYPE 1

LOCK RING & CONTACT: BERYLLIUM COPPER PER ASTM B196  
ALLOY No. UNS C17300, TD04

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS E

GASKET: SILICONE RUBBER PER A-A-59588  
CLASS 2B, GRADE 60/70

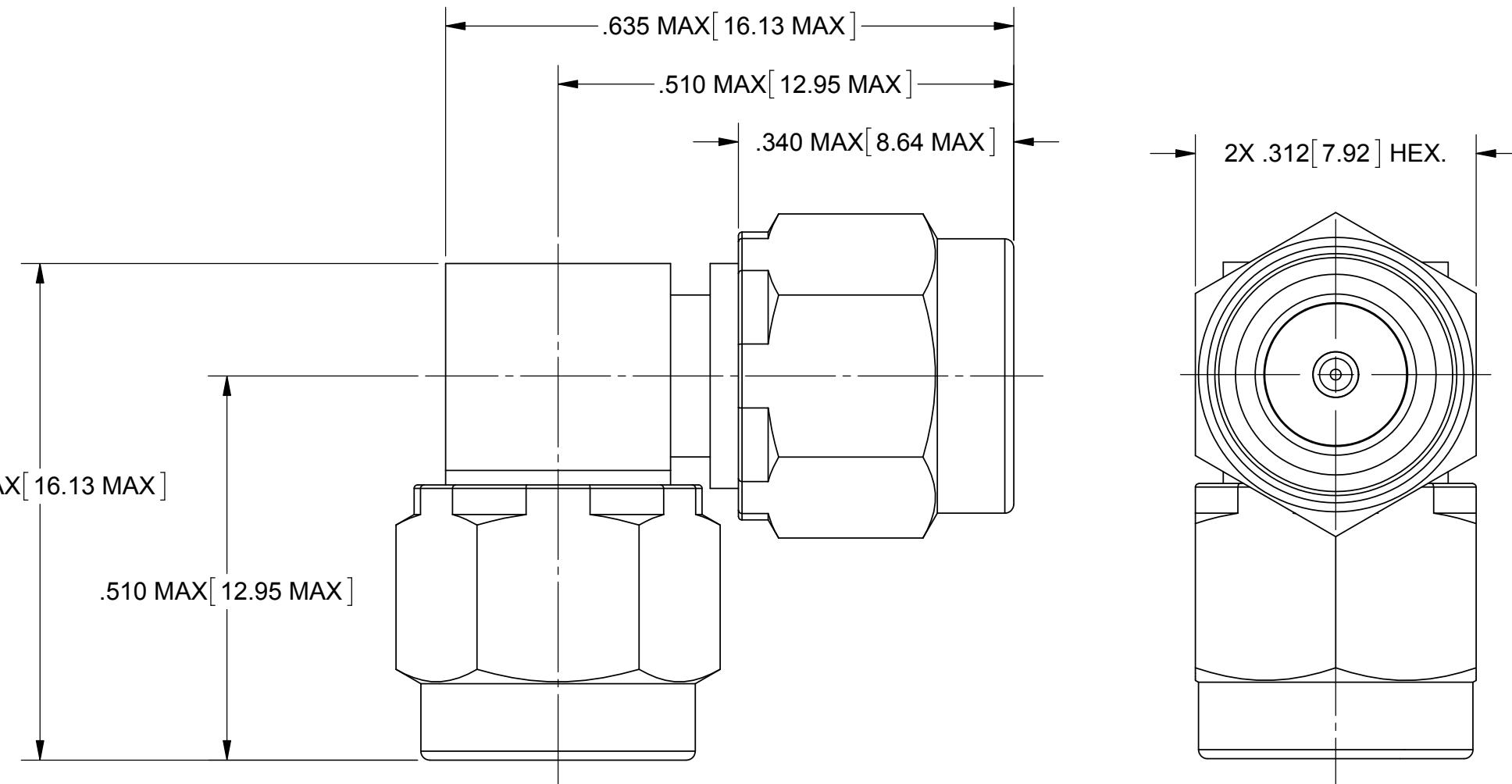
## FINISH:

**BODY &  
COUPLING NUT:** PASSIVATED PER AMS-2700

CONTACT: GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS 1.27, OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

## PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 12.4 GHz.  
VSWR: 1.05+0.010\*F(F IN GHZ):1 MAX DC TO 12.4 GHZ



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 10'$ DECIMAL: $.X \pm .030$ $.XX \pm .010$ $.XXX \pm .005$	UNLESS OTHERWISE SPECIFIED 1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING 3) BREAK CORNERS & EDGES, .005 R. MAX. 4) CHAM 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63µMIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 7) REMOVE ALL BURRS	TITLE:  SMA PLUG TO PLUG CUBE R/A ADAPTER
FINISH:	SEE NOTES	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	THIRD ANGLE PROJECTION  	
SURFACE AREA:	N/A	PROPRIETARY	DRAWN: DC 11/05/90 CHECKED: RF 11/05/90 APPROVED: RF 11/05/90	SIZE: B CAGE CODE: 95077 DWG. NO. M55339/53-30001 SCALE: 6:1 SHEET 1 OF 1