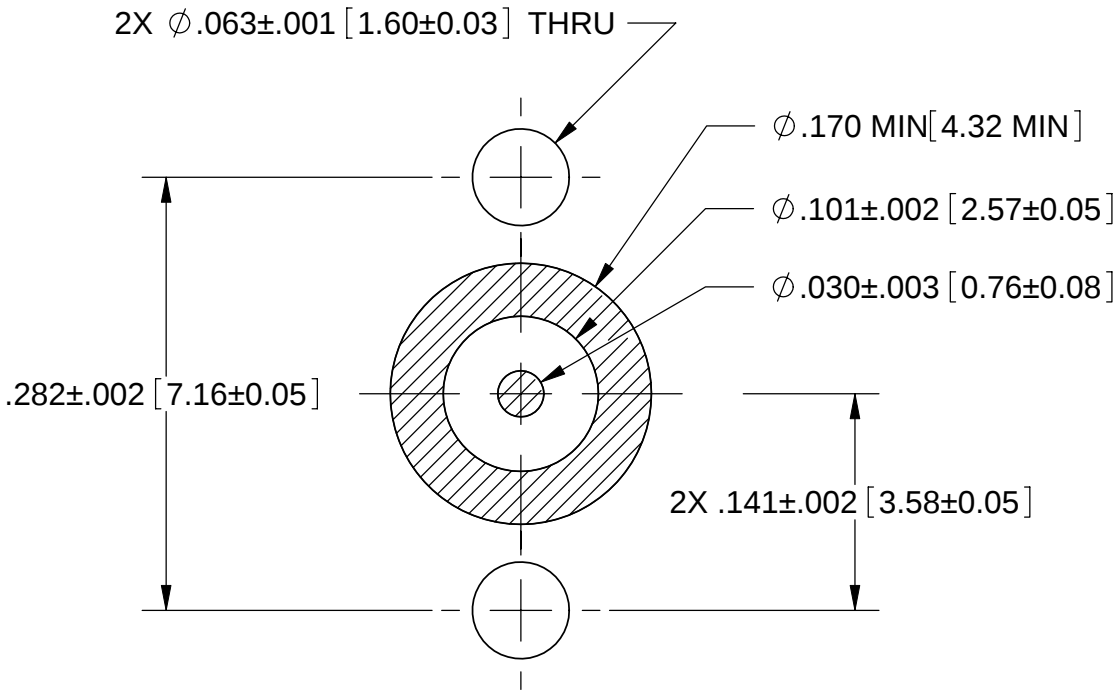
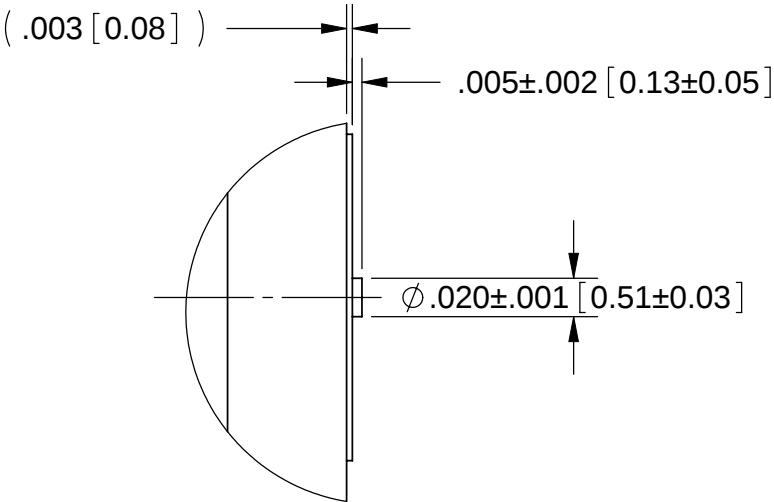


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 35193	06/07	STW



RECOMMENDED PCB LAYOUT



DETAIL A
SCALE 10 : 1

MATERIAL:

BODY: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

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

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

FINISH:

BODY: PASSIVATED PER AMS-2700, TYPE 2

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 27.0 GHz

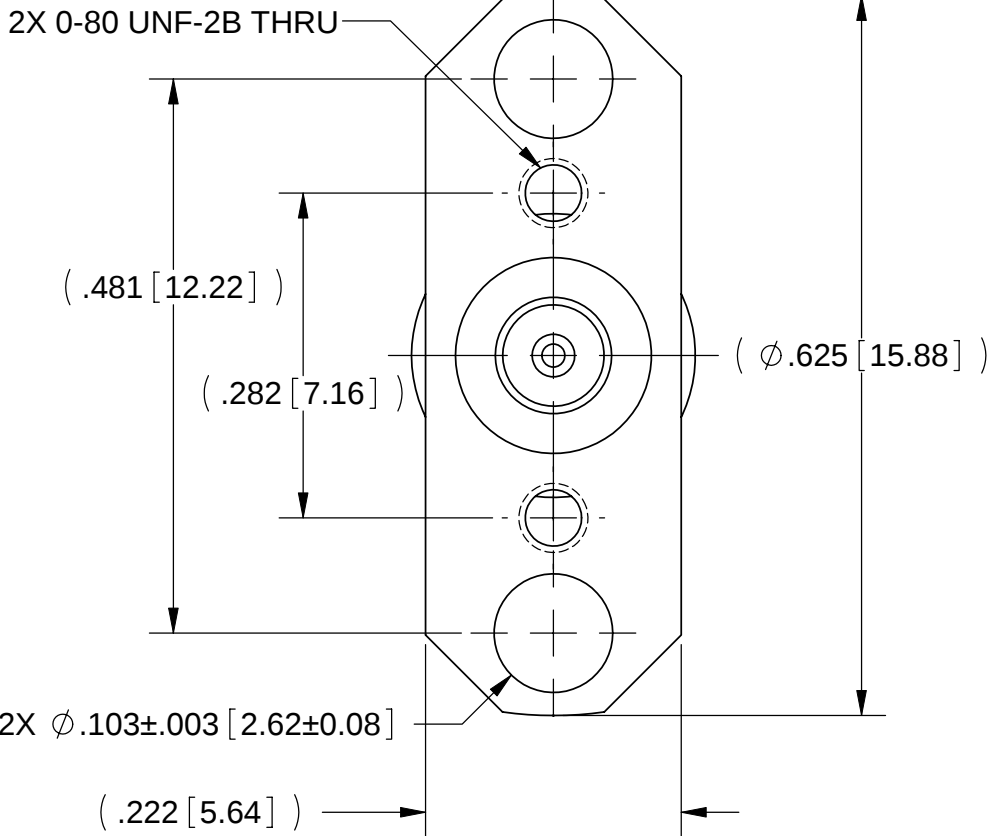
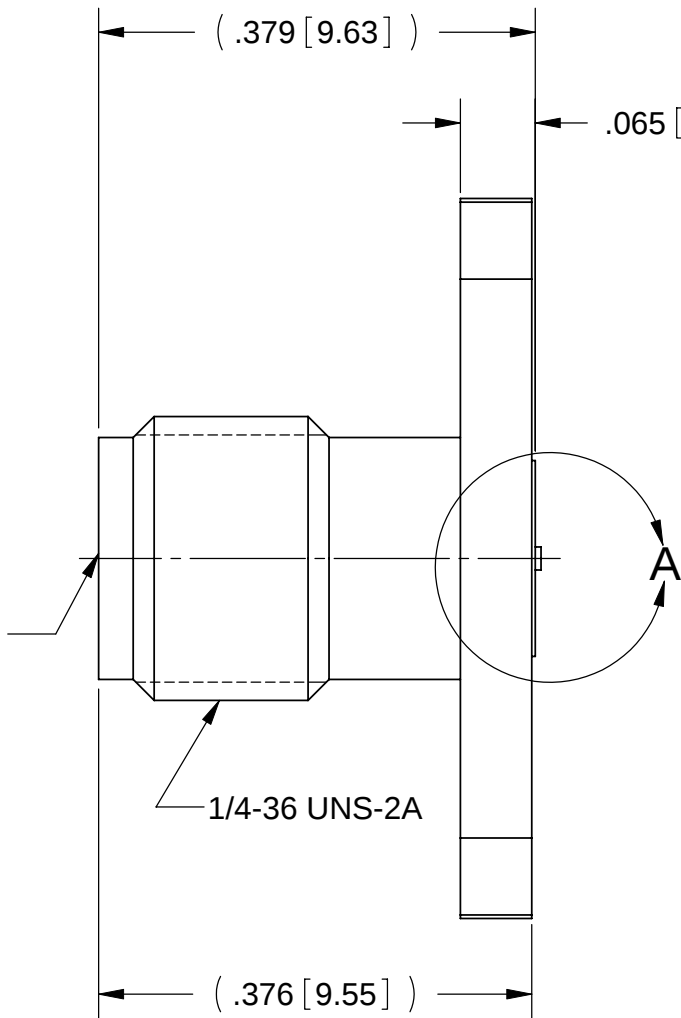
VSWR: 1.05+.0045 X F(F IN GHz)

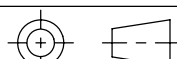
INSERTION LOSS: .03 X SQRT(F(F IN GHz))

DWV: 650 VRMS

OPERATING TEMP.: -55 °C TO +150 °C

SMA JACK PER
MIL-STD-348



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$		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 63 - MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS				
SURFACE AREA:	N/A	DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$				TITLE:		
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				SMA JACK 2 HL FL MT WITH 0-80 THD.		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.		THIRD ANGLE PROJECTION		DRAWN: ADK 06/14/07		SIZE	CAGE CODE	DWG. NO.
				CHECKED: STW 06/15/07		B	95077	SF2921-6920
				APPROVED: STW 06/15/07		SCALE: 6:1		SHEET 1 OF 1