

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 32957	04/05	STW

## MATERIAL

**BODY & COUPLING NUT:** STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE I

**RETAINING RING:** BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300, TD04

**CONTACT:** BRASS PER ASTM B16, ALLOY UNS C36000

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

**GASKET:** SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

## FINISH

**BODY & COUPLING NUT:** PASSIVATED PER AMS-QQ-P-35, TYPE II

**CONTACT:** GOLD PER ASTM B 488, TYPE II, CODE C, CLASS .76; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .000050" MIN.

## PERFORMANCE

**IMPEDANCE:** 50 OHMS

**FREQ. RANGE:** DC TO 18.0 GHz

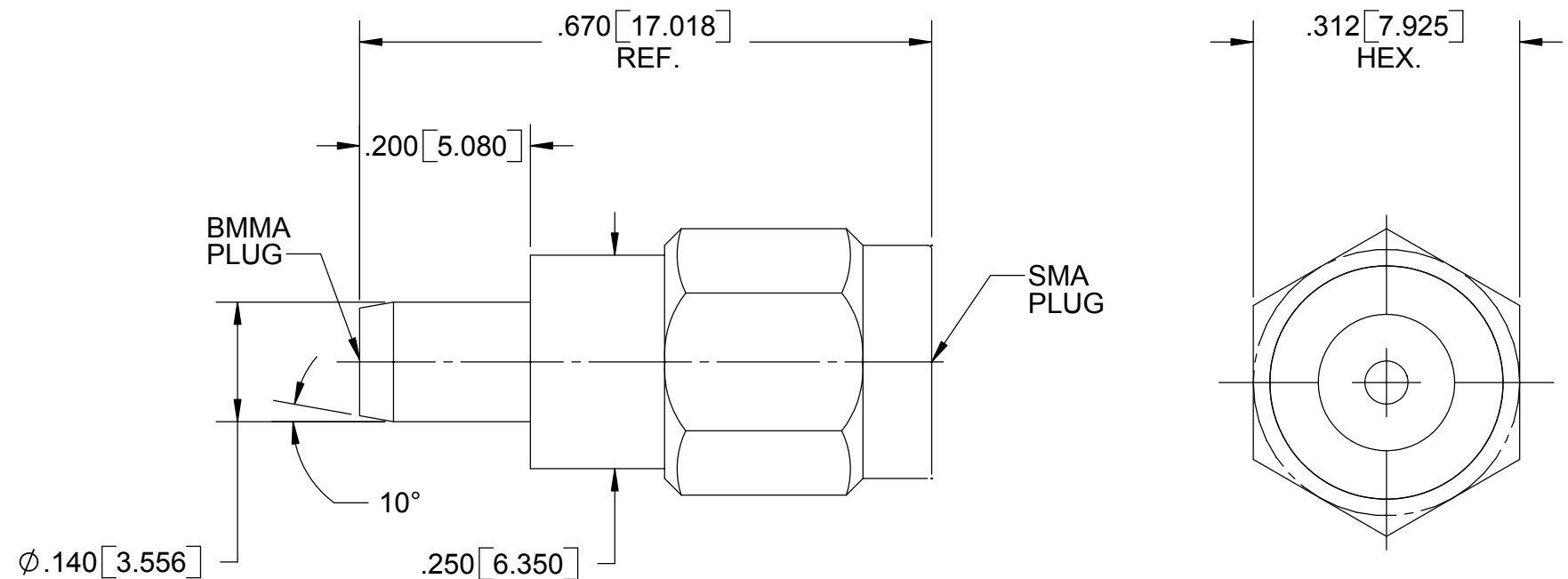
**VSWR:** 1.05+.010f(GHz) DC TO 18.0 GHz

**OPERATING TEMP.:** -65°C TO +125°C

**ENGAGEMENT/DISENGAGEMENT:** 2 IN-LBS

**D.W.V.:** 750 VRMS

**INS. RES.:** 5000 MEGOHMS



MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X*X' ±15'	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 63 MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 7) REMOVE ALL BURRS	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: <b>BMMA PLUG TO SMA PLUG ADAPTER</b>
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: MGT 04/18/05	SIZE: <b>B</b> CAGE CODE: <b>95077</b> DWG. NO.: <b>SF1114-6007</b>
<b>PROPRIETARY</b> 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.		CHECKED: STW 04/18/05	SCALE: 5:1
		APPROVED: STW 04/18/05	SHEET 1 OF 1