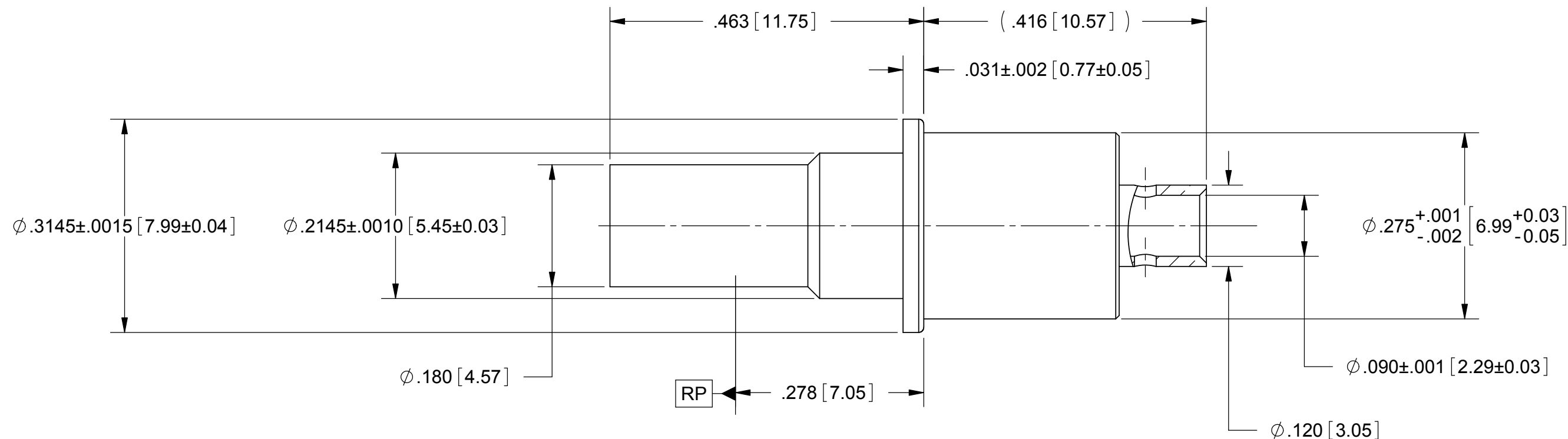


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 38472	08/11	STW



**MATERIAL:**

- BODY:** STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
- FERRULE:** BRASS PER ASTM B16, ALLOY UNS No. C36000
- 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 & FERRULE:** 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 18.0 GHZ
- VSWR:** 1.25:1 MAX. MATED PAIR DC TO 18.0 GHZ
- INSERTION LOSS:** .06 X SQRT(F IN GHZ))
- DWV:** 1000 VRMS
- OPERATING TEMP.:** -55°C TO +125°C

## SIZE 8 PIN CONTACT

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.	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: <b>18 GHZ BMZ FEMALE TO TFLEX-405 FOR M38999 SIZE 8 CAVITY</b>
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005	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	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	THIRD ANGLE PROJECTION	DWG. NO. <b>SF9821-6000</b> SCALE: 6:1
PROPRIETARY 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.	DRAWN: JMC 03/15/07 CHECKED: STW 05/07/07 APPROVED: STW 05/07/07	SIZE <b>B</b> CAGE CODE <b>95077</b>	SHEET 1 OF 1