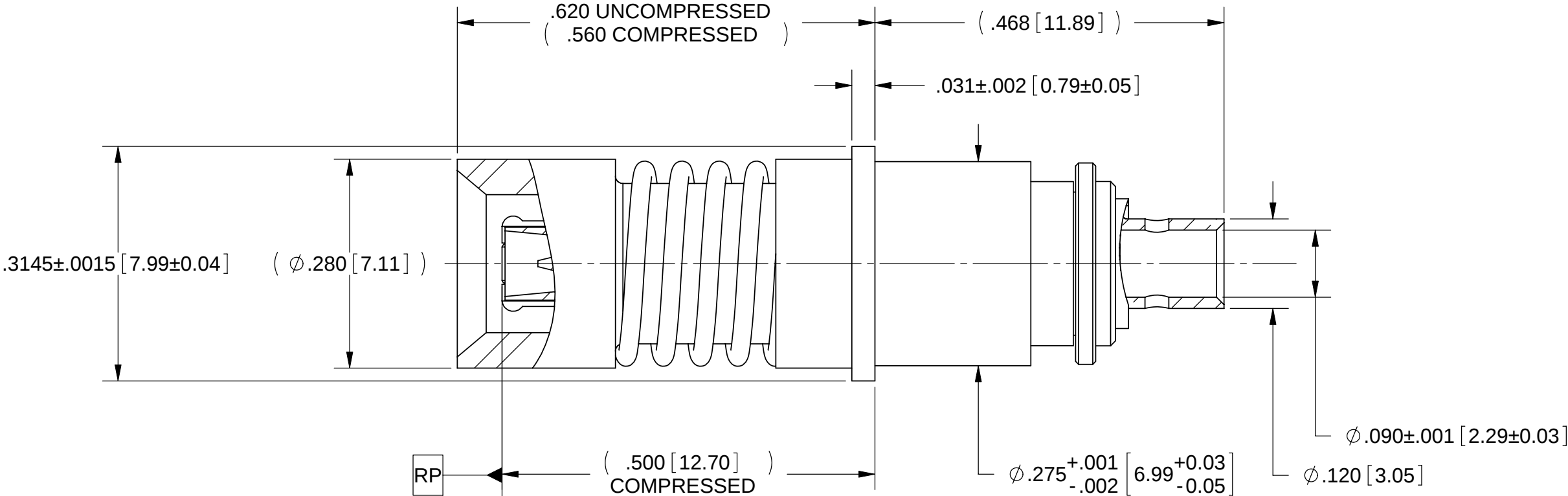


ROHS COMPLIANT		PRODUCT DATA DRAWING		REVISION HISTORY			
REV	DESCRIPTION			DATE	APPROVED		
1	PRELIMINARY			03/15/07			
-	REL. NRN 34078			05/03/07	STW		
A	DCN 35469 P/N WAS SK-2424	10/24/07	STW				



Technical drawing of a microwave component showing dimensions and a cross-section view labeled RP. Key dimensions include: .620 UNCOMPRESSED (.560 COMPRESSED), .3145±.0015 [7.99±0.04], (Ø .280 [7.11]), .031±.002 [0.79±0.05], .468 [11.89], .500 [12.70] COMPRESSED, Ø .275^{+.001}_{-.002} [6.99^{+0.03}_{-0.05}], Ø .120 [3.05], Ø .090±.001 [2.29±0.03], and .3145±.0015 [7.99±0.04].

MATERIAL:

BODY & SLEEVE:

FERRULE:

CONTACT LOCK RING:

INSULATOR:

GASKET:

SPRING:

FINISH:

BODY, SLEEVE & SPRING:

CONTACT & FERRULE:

LOCK RING:

PERFORMANCE:

IMPEDANCE:

FREQ. RANGE:

VSWR:

INSERTION LOSS:

DWV:

OPERATING TEMP.:

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

BRASS PER ASTM B16 ALLOY UNS No. 36000

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

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

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

STAINLESS STEEL PER ASTM A313, TYPE 631.

PASSIVATED PER AMS-2700, TYPE 2.

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

NICKEL PER AMS-QQ-N-290.

50 OHMS

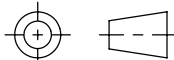
DC TO 18.0 GHz

1.25:1 MAX. MATED PAIR DC TO 18.0 GHz

.06 X SQRT(F(F IN GHz))

1000 VRMS

-55°C TO +125°C

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15" DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	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 .005 T.I.R. 7) REMOVE ALL BURRS	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES				
SURFACE AREA:	N/A				
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:	JMC 03/15/07	TITLE: 18 GHZ BMZ MALE TO TFLEX-405 FOR M38999 SIZE 8 CAVITY	
		CHECKED:	STW 05/08/07		
		APPROVED:	STW 05/08/07		
SCALE: 6:1				SHEET 1 OF 1	