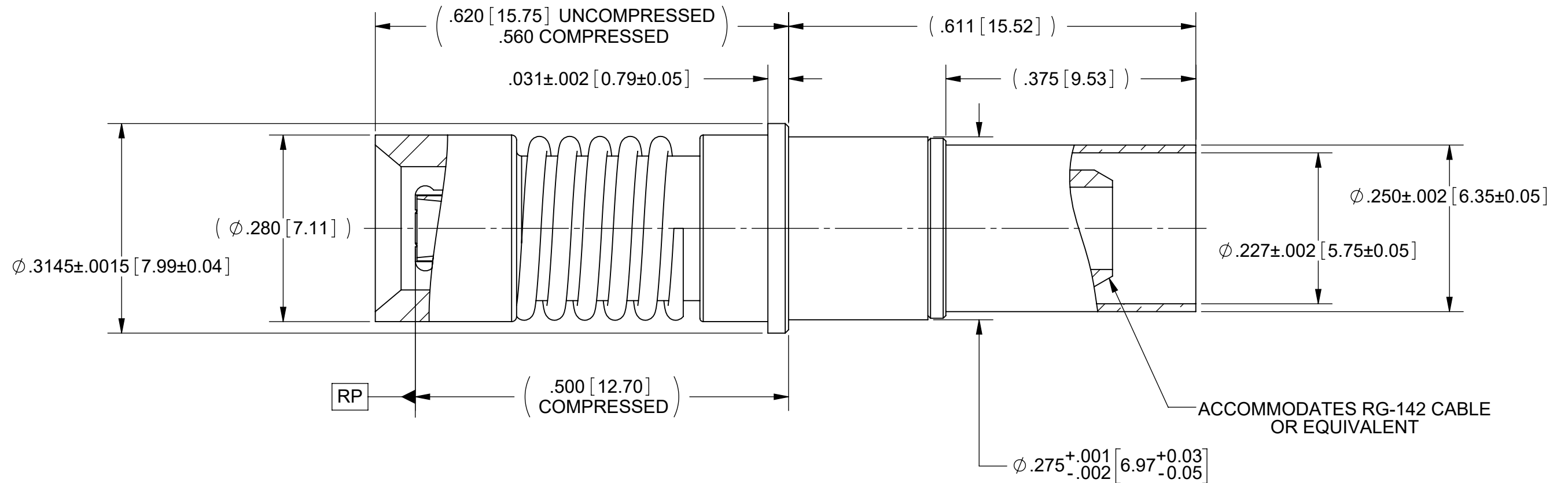


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B	REV. DCN 51502	04/05/22	STW



MATERIAL:

BODIES & SLEEVES: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM A582, TYPE 303, CONDITION A.

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

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

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

SPRING: STAINLESS STEEL PER ASTM A313, TYPE 302.

FINISH:

BODIES & SLEEVES & SPRING: 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.

LOCK RING: NICKEL PER AMS-QQ-N-290

PERFORMANCE:

IMPEDANCE: 50 OHMS

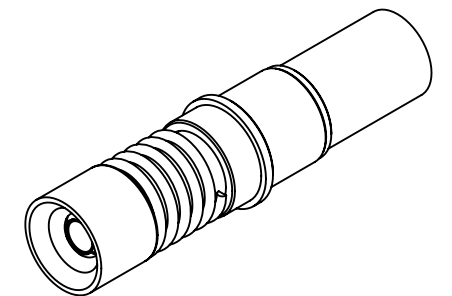
FREQ. RANGE: DC TO 12.0 GHz

VSWR: 1.3:1 MAX. MATED PAIR DC TO 12.0 GHz

INSERTION LOSS: .06 X SQRT(F(F IN GHz))

DWV: 1000 VRMS

OPERATING TEMP.: -55 °C TO +125 °C



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 .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	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: 12 GHz BMZ MALE TO RG-142 FOR M38999 SIZE 8 CAVITY
SURFACE AREA: N/A	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.	THIRD ANGLE PROJECTION 	SIZE: B CAGE CODE: 95077 DWG. NO.: SF9811-6002
		DRAWN: JMC 07/07/06 CHECKED: JM 07/07/06 APPROVED: JM 07/07/06	SCALE: 6:1 SHEET 1 OF 1