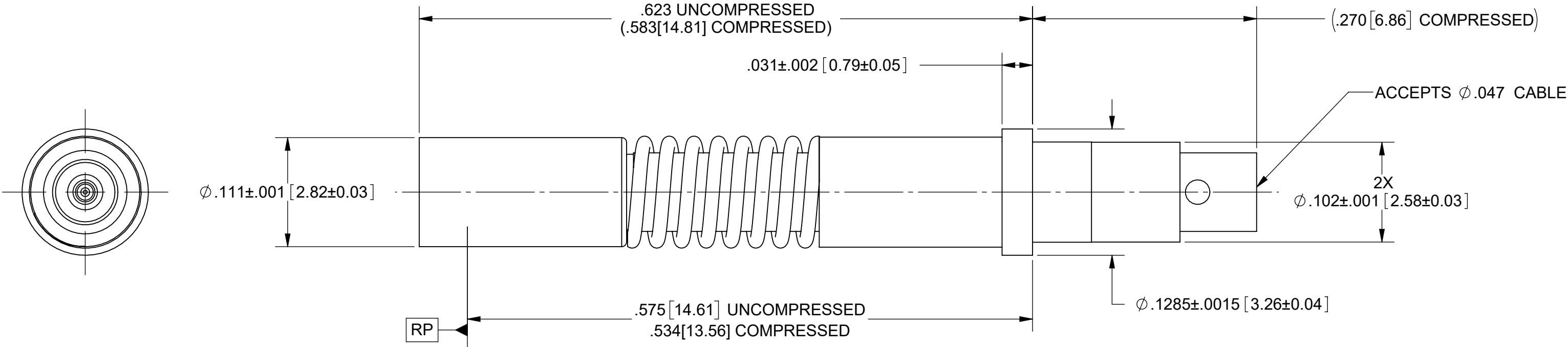


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 56135	01/25	SEE PDM



MATERIAL:

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

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

SPRING: STAINLESS STEEL PER ASTM A313, TYPE 631 ALLOY UNS S17700

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

FINISH:

SHROUD SLEEVE & SPRING: PASSIVATED PER AMS-2700, TYPE 2


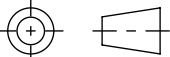
BODY & CONTACT : GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 65 GHz  
VSWR: 1.35:1 TO 65 GHz  
DWV: 250 VRMS  
OPERATING TEMP.: -55°C TO +165°C

NOTE:

1. ALL SOCKET CONTACTS DESIGNED FOR SERIES I, III OR IV.

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$ DECIMAL: .X $\pm .030$ .XX $\pm .010$ .XXX $\pm .005$ 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	 www.svmicrowave.com	
FINISH: SEE NOTES			TITLE: SIZE 16 SOCKET CONTACT FOR M38999 SIZE 16 CAVITY FOR .047 CABLE	
SURFACE AREA: N/A			SIZE B	DWG. NO. SF9911-60001
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	DRAWN: JMC 04/22/09	SCALE: 10:1	
		CHECKED: SEE PDM		
		APPROVED: SEE PDM	SHEET 1 OF 1	