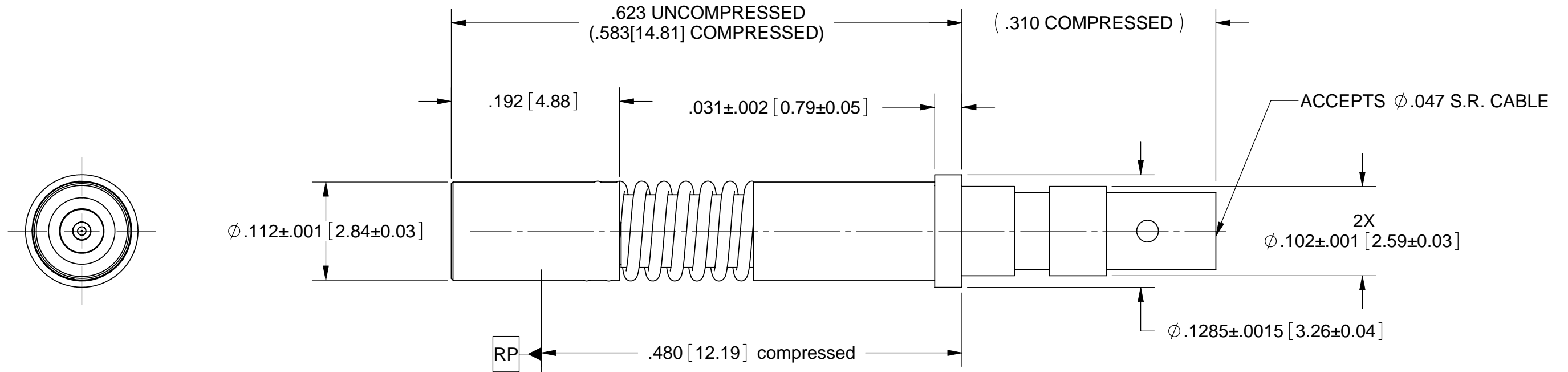


ROHS COMPLIANT

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 36701	04/22/09	STW



**MATERIAL:**

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

BODY &  
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

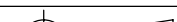
FINISH:

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 65.0 GHz  
VSWR: T.B.D.  
DWV: 325 VRMS  
OPERATING TEMP.: -55°C TO +125°C

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		<div>SV Microwave, Inc.</div> <div>2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409</div>		
FINISH:	SEE NOTES	FRACTIONAL: ±1/64    ANGULAR: X° ±1°0'    X°X' ±15'		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 63μM-STD-10. 6) DIA. S'ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS		TITLE: HIGH FREQ. MALE BLIND-MATE FOR M38999 SIZE 16 CAVITY SMOOTH BORE INTERFACE		
SURFACE AREA:	N/A	DECIMAL: .X    ±.030 .XX    ±.010 .XXX ±.005						
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994						
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				
				CHECKED: STW 04/22/09		SIZE B    CAGE CODE 95077    DWG. NO. SF9911-60001		
				APPROVED: STW 04/22/09		SCALE: 4:1    SHEET 1 OF 1		