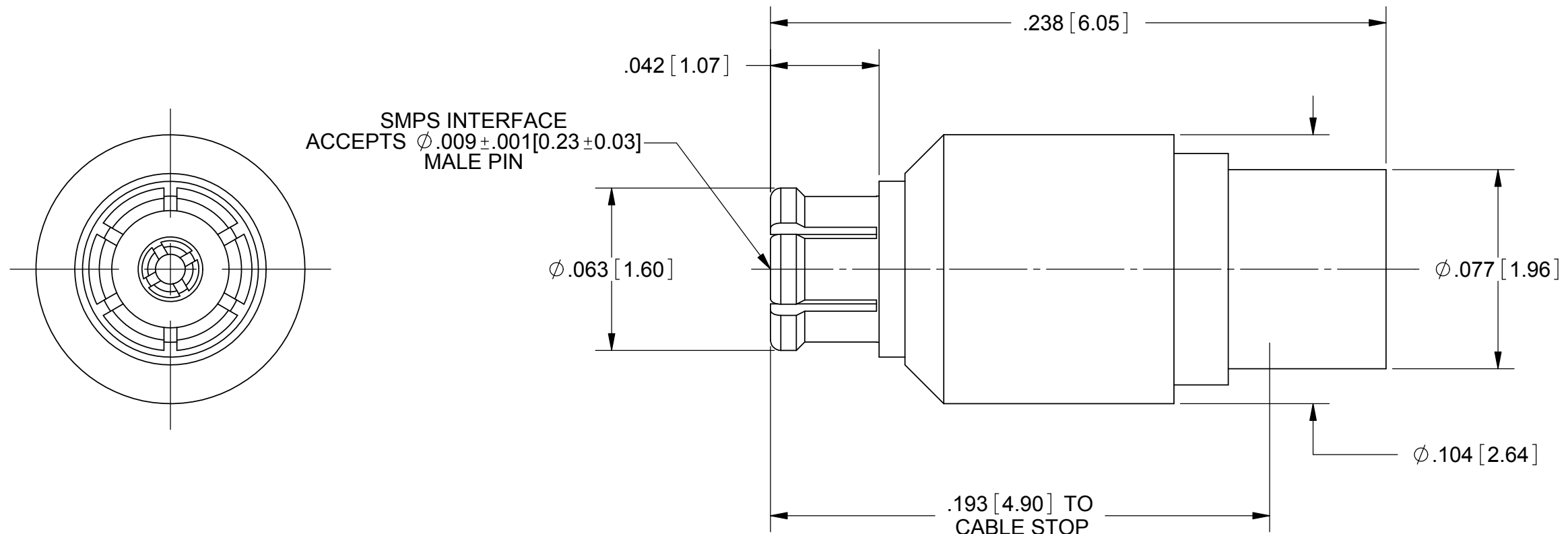


ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. NRN 35513	09/22/09	STW
A	REV. DCN 37481	04/19/10	PJS
B	DCN 39509	12/11	STW



MATERIAL:

**BODY, &
CONTACT:**

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

INSULATOR:

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

FINISH:

**BODY &
CONTACT:**

GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27, OVER
NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE:
VSWR:

50 OHMS
1.20:1 DC TO 40 GHZ
1.30:1 DC TO 65.0 GHZ TYPICAL

INSERTION LOSS:

$$.12 \times \text{SQRT}(F(F \text{ IN GHz}))$$

DWV:

250 VRMS

OPERATING TEMP.:

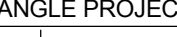
-55°C TO +165°C

ENGAGEMENT:

3.5 LBS TYPICAL IN FULL DETENT
1.6 LBS TYPICAL IN SMOOTH BORE

DISENGAGEMENT:

2.0 LBS TYPICAL IN FULL DETENT
0.5 LBS TYPICAL IN SMOOTH BORE

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409			
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ 0'$ $X^\circ X' \pm 15'$ DECIMAL: $.X \pm .030$ $.XX \pm .010$ $.XXX \pm .005$		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					
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				TITLE:			
PROPRIETARY		THIRD ANGLE PROJECTION		DRAWN: JMC 09/22/09		SMPS FEMALE CABLE CONNECTOR FOR Ø.047 S/R CABLE			
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.				CHECKED: STW 09/22/09		SIZE	CAGE CODE	DWG. NO.	3821-40001
				APPROVED: STW 09/22/09		B	95077		
						SCALE: 20:1			SHEET 1 OF 1