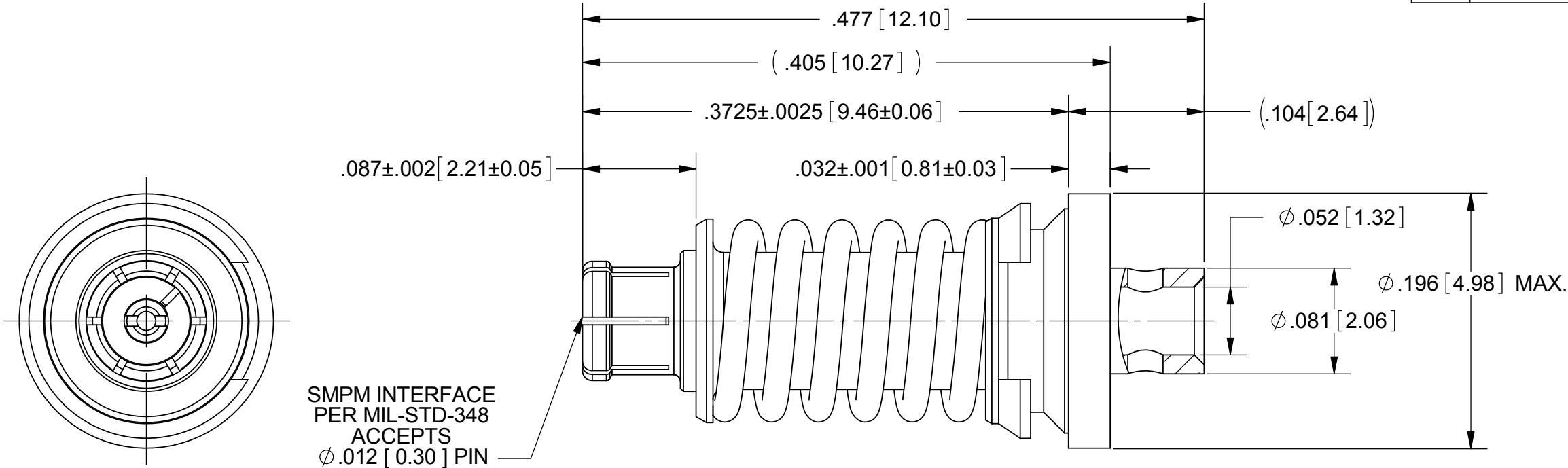


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 37868	11/05/10	STW
A	REV. DCN 38488	08/22/11	STW
B	REV. DCN 38878	02/24/12	STW



MATERIAL:

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

RETAINING WASHER: STAINLESS STEEL PER AMS 5640

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

COMPRESSION SPRING: STAINLESS STEEL PER ASTM A313, TYPE 302

FINISH:

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

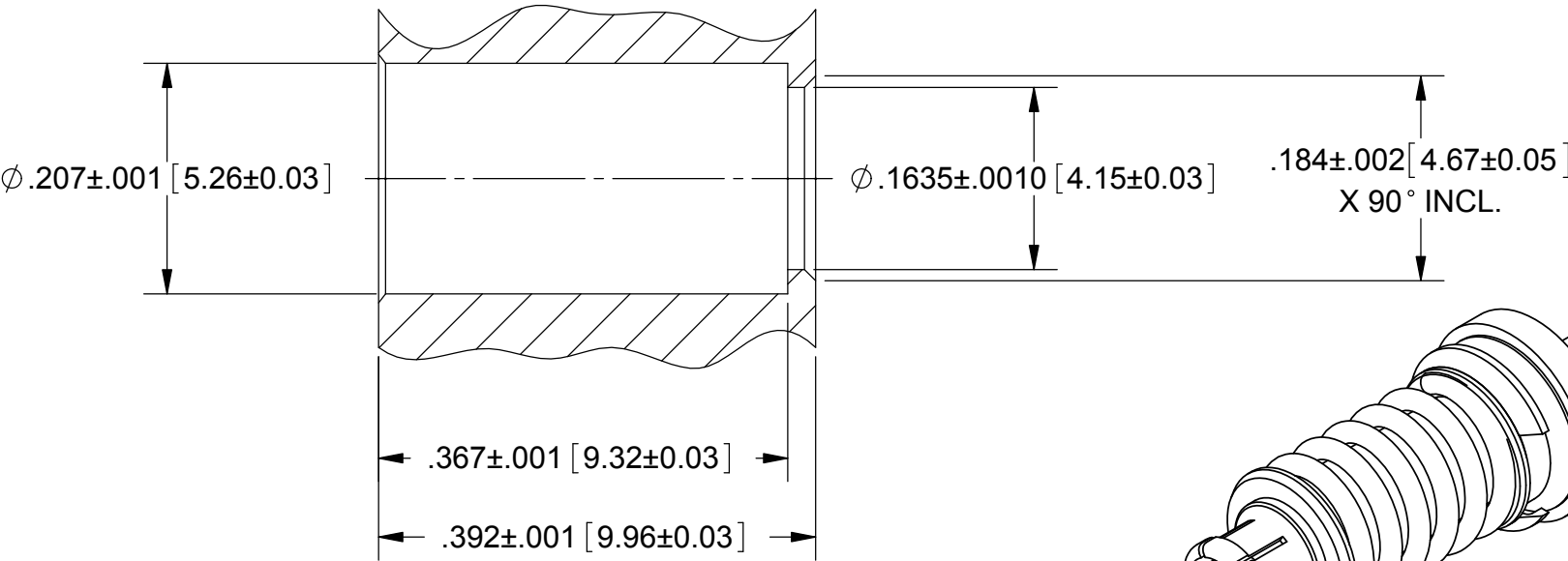
RETAINING WASHER: PASSIVATED PER AMS 2700 TYPE 2

COMPRESSION SPRING: PASSIVATE PER AMS 2700

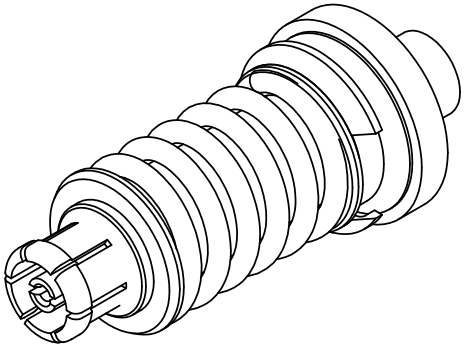
PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 65.0 GHz
DWV: 325 VRMS
OPERATING TEMP.: -55°C TO +125°C
VSWR: 1.10:1 DC TO 26.5GHz, 1.30:1 TYPICAL TO 50 GHz
INSERTION LOSS: .12 X SQRT(F(F IN GHz))
INSUL. RESISTANCE: 5000 MEGOHMS MIN.

SPRING PROPERTIES:
PRE-LOAD: 2.56±.25 LBS
FORCE AT .052" COMPRESSION: 3.90±.39 LBS
MIN. FULL DEFLECTION: .078"



RECOMMENDED MOUNTING HOLE



MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1'0''$ X°X' $\pm 15''$	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 $\pm .030$.XX $\pm .010$.XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMPM FEMALE, FLOAT MOUNT, FOR ϕ .047 CABLE	
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: JMC 11/05/10	SIZE B	CAGE CODE 95077
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 11/05/10	DWG. NO. 3221-40019	
		APPROVED: STW 11/05/10	SCALE: 10:1	SHEET 1 OF 1