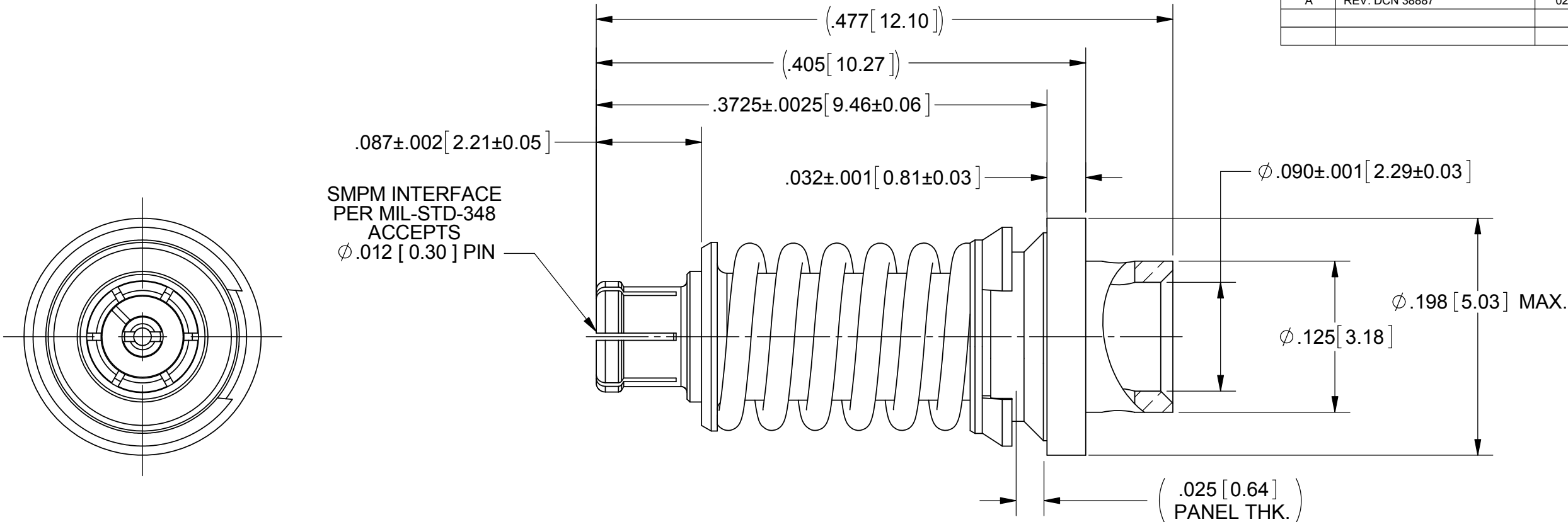


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REV. DCN 38887	02/29/12	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 631, OR AMS 5678

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.
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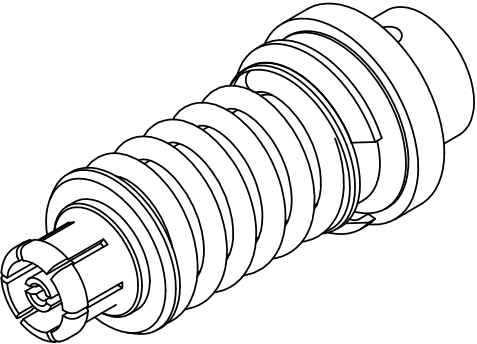
RETAINING WASHER &: COMPR. SPRING:	PASSIVATED PER AMS 2700 TYPE 2
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PERFORMANCE:

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

RECOMMENDED MOUNTING HOLE



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° $\pm 1^{\circ}0'$ X"X' $\pm 15'$	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 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	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 $\phi .086$ 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.		THIRD ANGLE PROJECTION	DRAWN: JMC 12/20/10	SIZE: B	CAGE CODE: 95077
			CHECKED: STW 12/20/10	DWG. NO.:	3221-40022
			APPROVED: STW 12/20/10	SCALE: 10:1	SHEET 1 OF 1