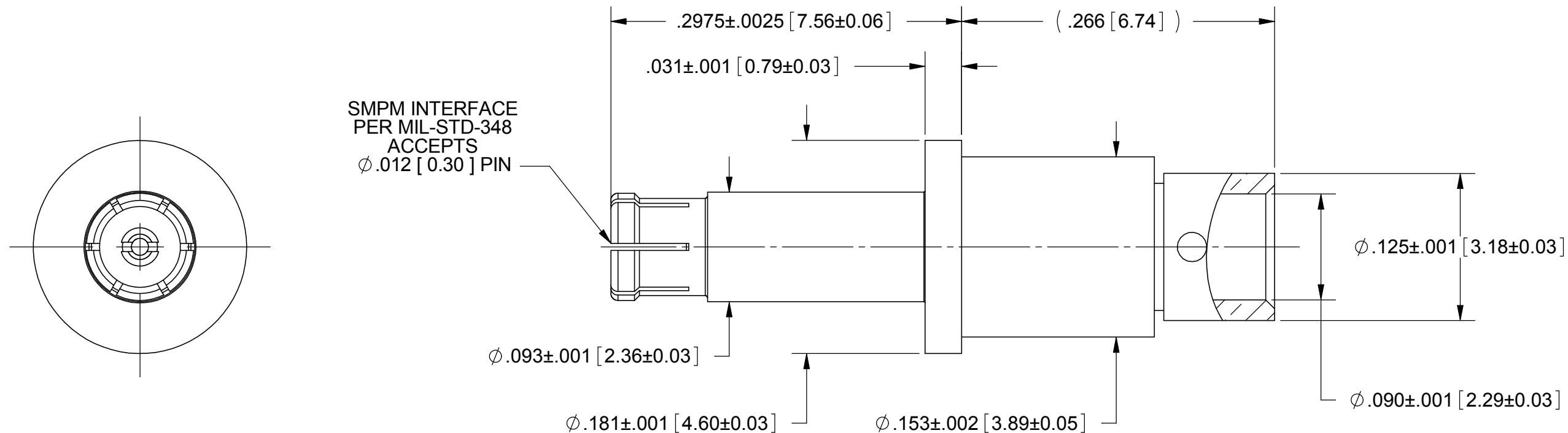


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	PRELIMINARY	09/13/07	JM
A	REL. NRN 34347	09/27/07	STW
B	DCN 35853	06/08	STW



MATERIAL:

- BODY & CONTACT:** BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
- INSERT:** BRASS PER ASTM B16, ALLOY No. UNS 36000
- INSULATOR:** PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

- BODY, INSERT & 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
- 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.
- CONTACT RESISTANCE:** 2 MILLIOHMS MAX.
- OUTER CONDUCTOR:** 6 MILLIOHMS MAX.
- INNER CONDUCTOR:** 6 MILLIOHMS MAX.

PIN CONTACT

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X'X' ±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 ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMPM FEMALE T-FLEX 405 CABLE FIT M38999 SIZE 12 INSERT
SURFACE AREA: N/A	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 	SIZE: B CAGE CODE: 95077 DWG. NO.: 3221-4002
		DRAWN: JMC 09/13/07 CHECKED: JM 09/13/07 APPROVED: JM 09/13/07	SCALE: 10:1 SHEET 1 OF 1

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