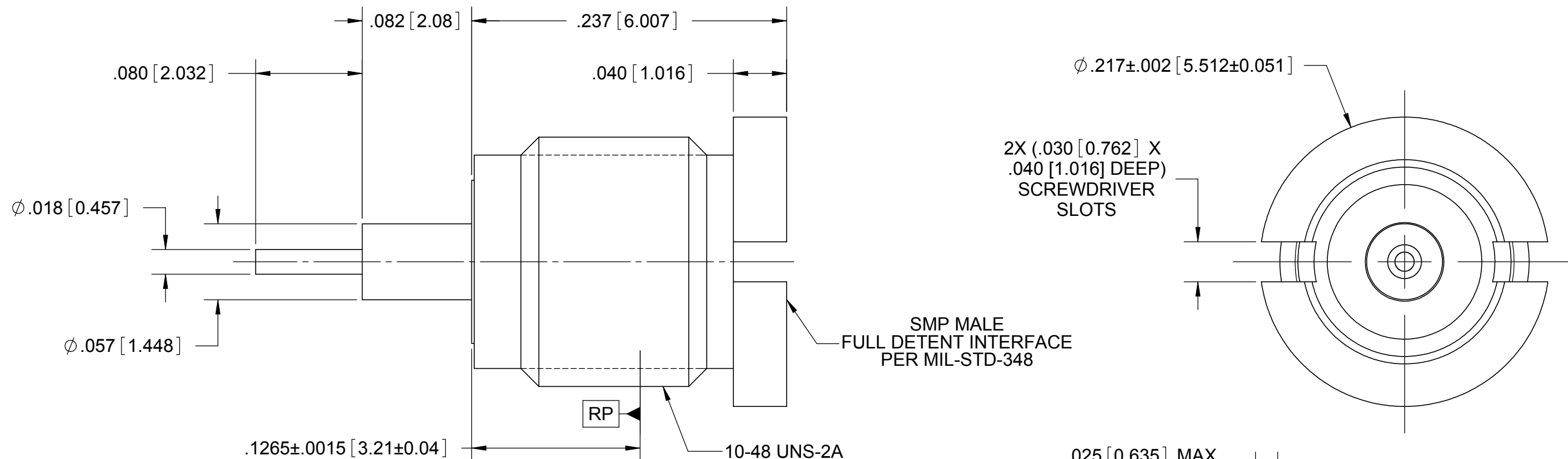


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. NRN 35762	01/08/10	STW
A	DCN 37780	09/10	PJS



MATERIAL:

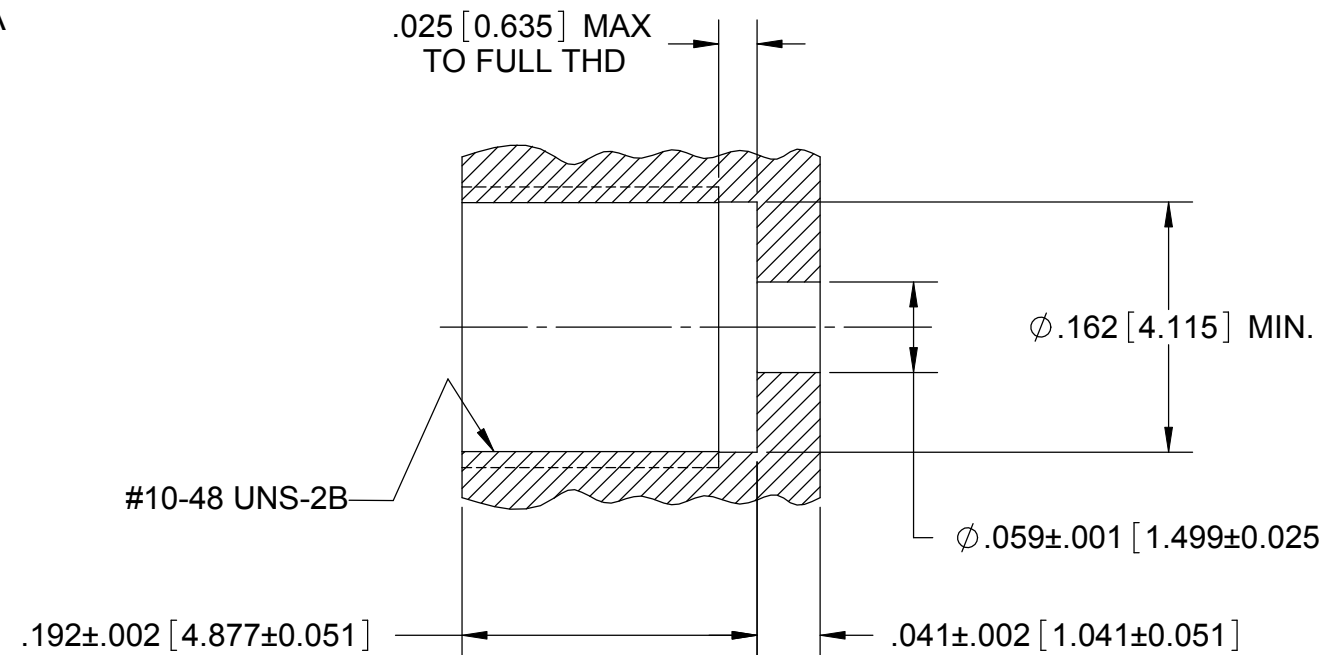
- BODY:** STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
- BUSHING:** BRASS PER ASTM B16, ALLOY UNS No. C36000
- CONTACT:** BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
- INSULATOR:** PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

- BODY:** PASSIVATED PER AMS-2700.
- CONTACT:** GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
- BUSHING:** NICKEL PER AMS-QQ-N-290, CLASS 2

PERFORMANCE:

- IMPEDANCE:** 50 OHMS
- FREQ. RANGE:** DC TO 26.5 GHz
- VSWR:** 1.25:1 DC TO 18.0 GHz
1.35:1 18.0 TO 26.5 GHz
- INSERTION LOSS:** .12 X SQRT(F(F IN GHz))
- DWV:** 500 VRMS



RECOMMENDED MOUNTING HOLE

INSTALLATION TORQUE 6-8 IN/LBS.

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: SMP MALE THREAD-IN FULL DETENT STRAIGHT TERMINAL
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: JMC 01/08/10	SIZE: B CAGE CODE: 95077 DWG. NO.: SF1211-6035
<p>PROPRIETARY</p> <p>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.</p>		CHECKED: STW 01/08/10	SCALE: 12:1
		APPROVED: STW 01/08/10	SHEET 1 OF 1