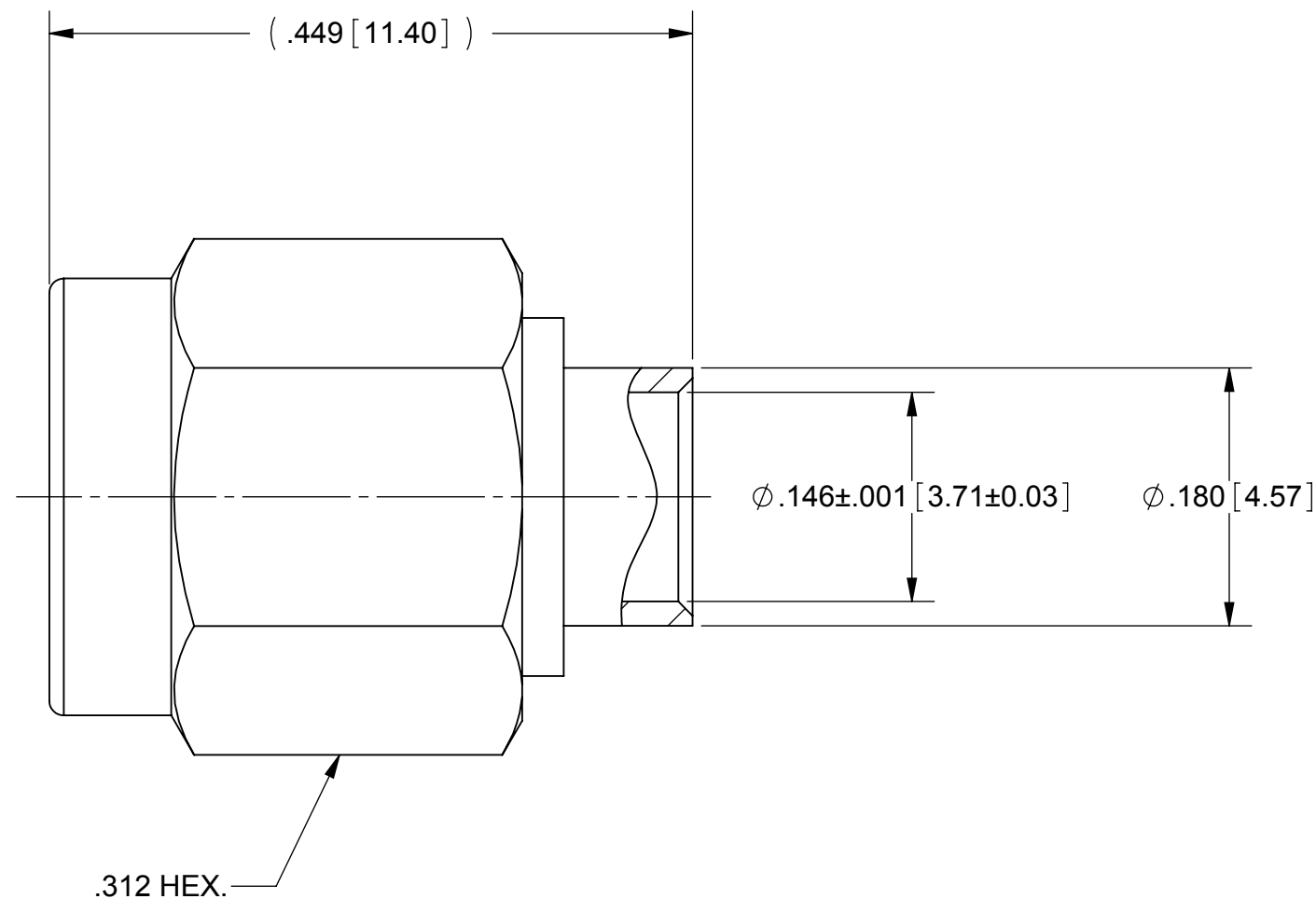


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
G	DCN 41836	11/15	STW



**MATERIAL:**

- BODY, COUPLING NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
- CONTACT: BRASS PER ASTM B16, ALLOY UNS No. C36000
- LOCK RING: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
- INSULATOR: TEFLON PER ASTM D1457
- GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

**FINISH:**

- BODY & CONTACT: GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 0.76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00010" MIN.
- COUPLING NUT: GOLD PER ASTM B 488, TYPE I, CODE C, CLASS 0.50, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00010" MIN.

**PERFORMANCE:**

- IMPEDANCE: 50 OHMS
- FREQ. RANGE: DC TO 18.0 GHz

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	<b>SV Microwave, Inc.</b> 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: SMA SOLDER-ON PLUG FOR $\phi .141$ S.R. CABLE
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: BRT 4/04/97	SIZE: B CAGE CODE: 95077 DWG. NO. 2902-6005
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.		CHECKED: ND 10/15/85	SCALE: 8:1
		APPROVED: CT 10/16/85	SHEET 1 OF 1

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