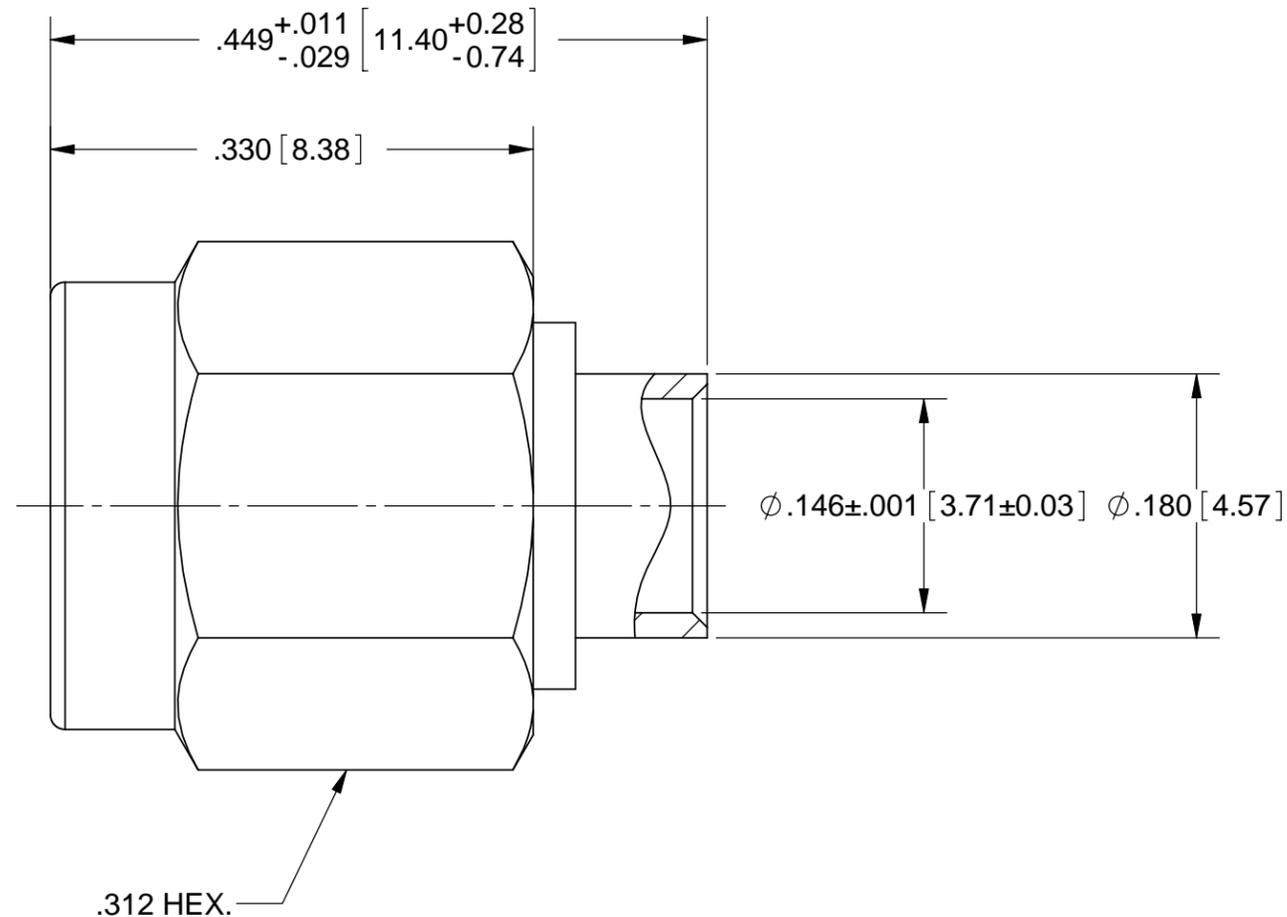


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 37129	10/27	DAL



**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:** PASSIVATED PER AMS-2700, TYPE 2

**PERFORMANCE:**

- IMPEDANCE:** 50 OHMS
- FREQ. RANGE:** DC TO 18.0 GHz
- V.S.W.R. :** 1.05+.010 X F (F IN GHz)
- DWV:** 1500 VRMS
- INSUL. RES.:** 5000 MEGOHMS MIN.

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	<b>SV Microwave, Inc.</b> 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: <b>SMA SOLDER ON PLUG FOR .141 S.R. CABLE</b>
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: BRT 4/04/97	SIZE: <b>B</b> CAGE CODE: <b>95077</b> DWG. NO.: <b>SF2902-6005</b>
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 APPROVED: CT 10/16/85	SCALE: 8:1 SHEET 1 OF 1