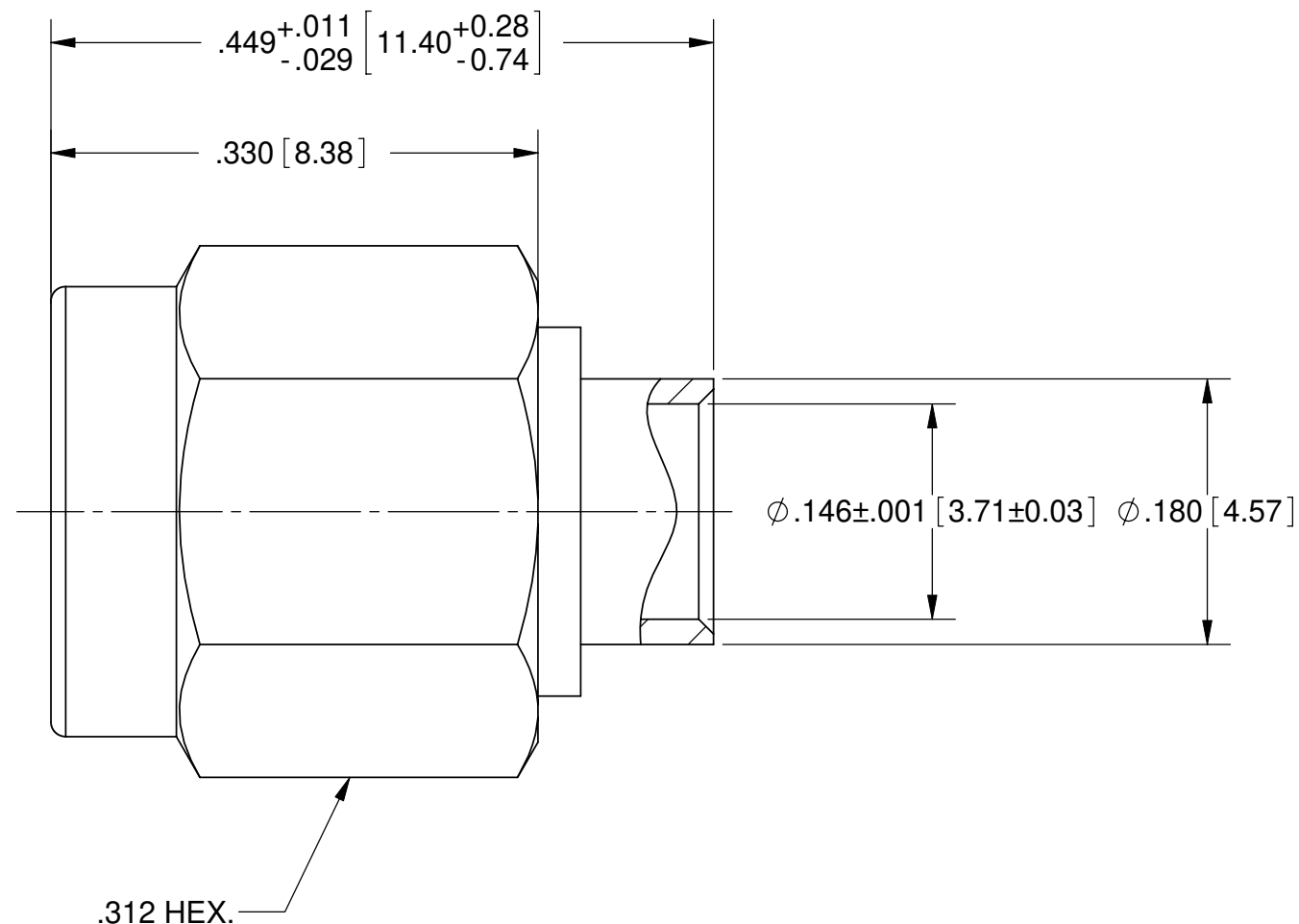


PRODUCT DATA DRAWING

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