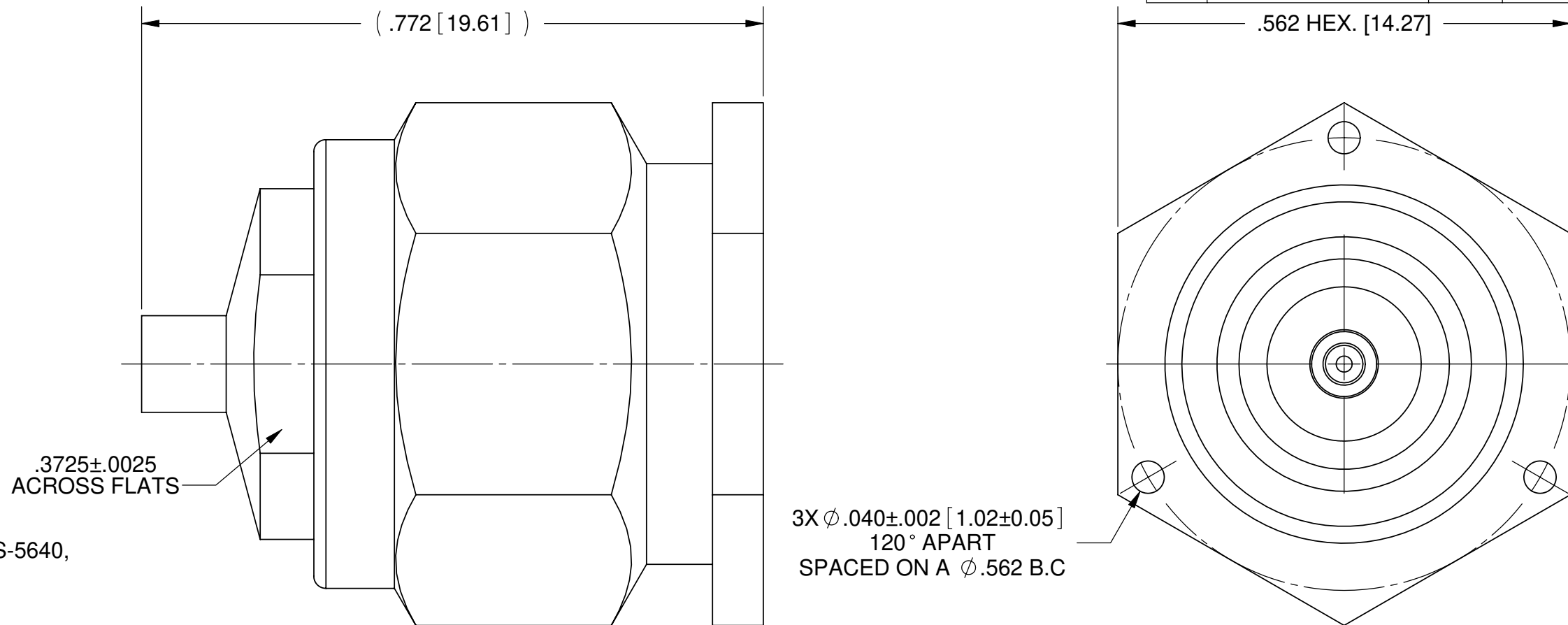


PRODUCT DATA DRAWING

| REVISION HISTORY | | | |
|------------------|-------------|-------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| C | DCN 36569 | 03/09 | STW |
| | | | |



MATERIAL:

BODY & COUPLING NUT:

STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

CONTACT:

BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

INSULATOR:

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

GASKET:

SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

LOCK RING:

PHOSPHER BRONZE PER ASTM B159, ALLOY 51000

FINISH:

COUPLING NUT:

PASSIVATED PER AMS-2700.

BODY & CONTACT:

GOLD PER ASTM B488, TYPE II, CODE C, CLASS .76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
 FREQ. RANGE: DC TO 15.0 GHz
 VSWR: 1.05 +.007 DC TO 15.0 GHz
 INSERTION LOSS: .04 X SQRT(F(F IN GHz))
 DWV: 1000 VRMS
 INSUL. RES.: 5000 MEGOHMS.
 OPERATING TEMP: -65° TO +165°C

| | | | |
|---|--|---|---|
| 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: PTNC PLUG FOR Ø .086 S.R. CABLE |
| SURFACE AREA: N/A | THIRD ANGLE PROJECTION | DRAWN: HLP 03/12/09 CHECKED: STW 03/12/09 APPROVED: DGG 05/19/78 | SIZE: B CAGE CODE: 95077 DWG. NO.: SF4501-6023 |
| <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> | | | SCALE: 6:1 SHEET 1 OF 1 |