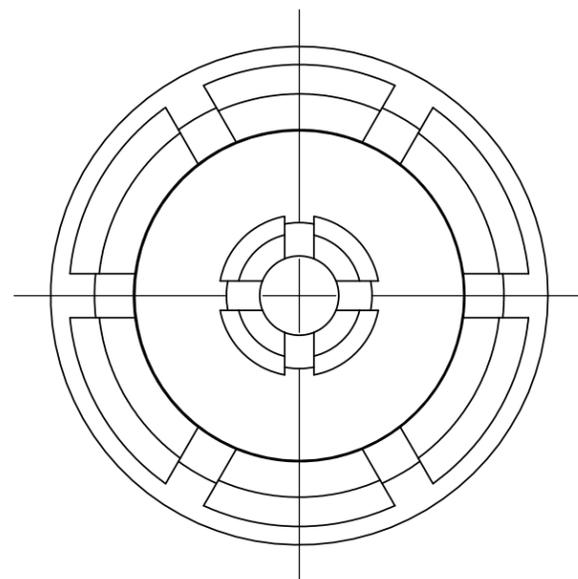
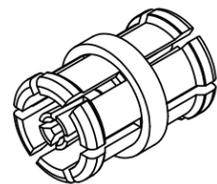
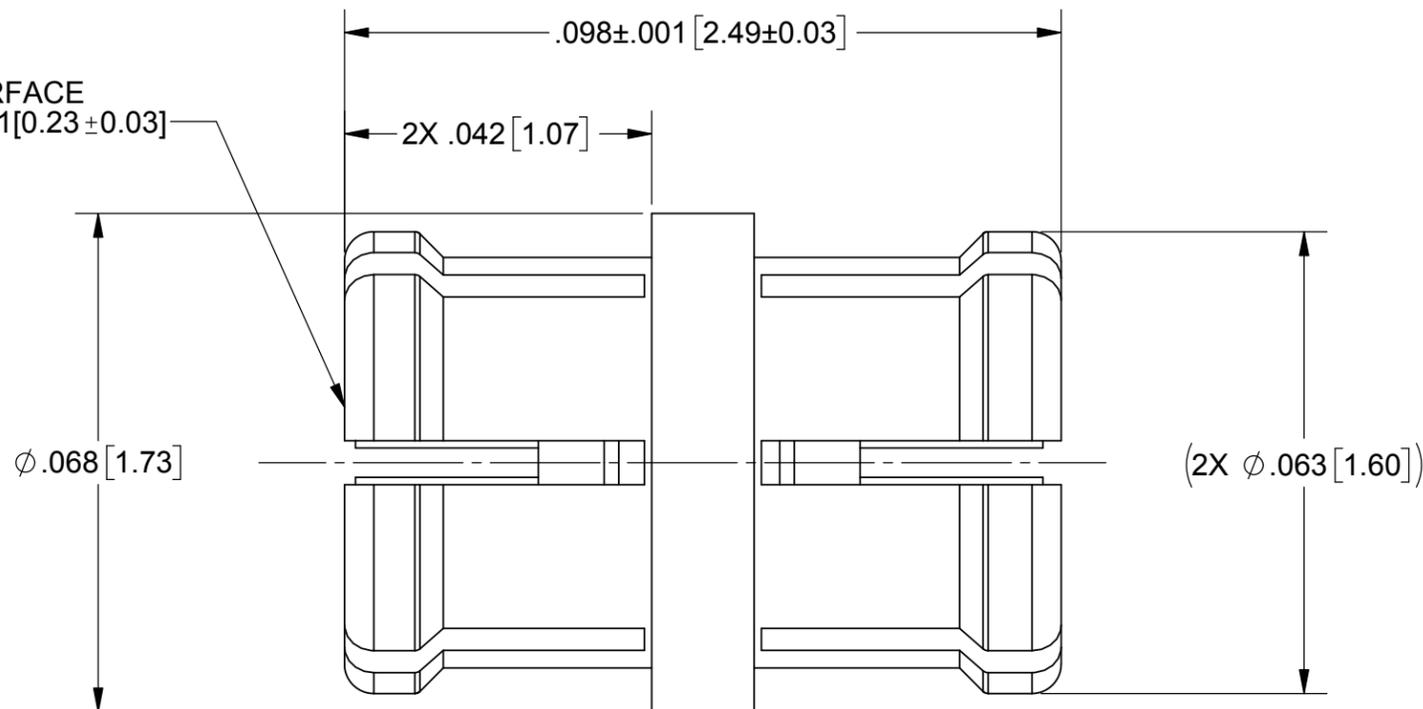


# PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| -                | REL. NRN 35512 | 09/17/09 | STW      |
| A                | DCN 39509      | 11/12    | STW      |
| B                | DCN 48304      | 1/19     | GPF      |



2X SMPS INTERFACE  
ACCEPTS  $\phi .009 \pm .001 [0.23 \pm 0.03]$   
MALE PIN



**MATERIAL:**  
BODY, &  
CONTACT: BERYLLIUM COPPER PER ASTM B196,  
ALLOY No. UNS C17300, TD04

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

**FINISH:**  
BODY &  
CONTACT: GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27,  
OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

**PERFORMANCE:**  
IMPEDANCE: 50 OHMS  
VSWR: 1.15:1 DC TO 40 GHz TYPICAL  
1.25:1 TO 65 GHz TYPICAL

INSERTION LOSS: .12 X SQRT(F(F IN GHz))  
DWV: 250 VRMS

OPERATING TEMP.: -55°C TO +165°C

ENGAGEMENT: 3.5 LBS TYPICAL IN FULL DETENT  
1.6 LBS TYPICAL IN SMOOTH BORE

DISENGAGEMENT: 2.0 LBS TYPICAL IN FULL DETENT  
0.5 LBS TYPICAL IN SMOOTH BORE

|   |   |  |   |   |
|---|---|--|---|---|
| MATERIAL: SEE NOTES   | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1'0''$<br>X*X' $\pm 15''$ | UNLESS OTHERWISE SPECIFIED<br>1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .005 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63-MIL-STD-10.<br>6) DIA. 'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | <b>SV Microwave, Inc.</b><br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |   |
| FINISH: SEE NOTES   | DECIMAL: X $\pm .030$<br>.XX $\pm .010$<br>.XXX $\pm .005$  |  | TITLE: ADAPTOR SMPS<br>FEMALE TO FEMALE   |   |
| SURFACE AREA: N/A   | INTERPRET DIMENSIONS AND TOLERANCES<br>PER ASME Y14.5M - 1994   | THIRD ANGLE PROJECTION   | DRAWN: JMC 08/10/09   | SIZE: B CAGE CODE: 95077 DWG. NO. 1138-4001 |
| PROPRIETARY<br>THE INFORMATION CONTAINED IN THIS DRAWING<br>IS THE SOLE PROPERTY OF SV MICROWAVE, INC.<br>ANY REPRODUCTION IN PART OR AS A WHOLE<br>WITHOUT THE WRITTEN PERMISSION OF<br>SV MICROWAVE, INC IS PROHIBITED. |   |  | CHECKED: STW 09/17/09   | SCALE: 40:1 SHEET 1 OF 1                    |
|   |   |  | APPROVED: STW 09/17/09  |   |