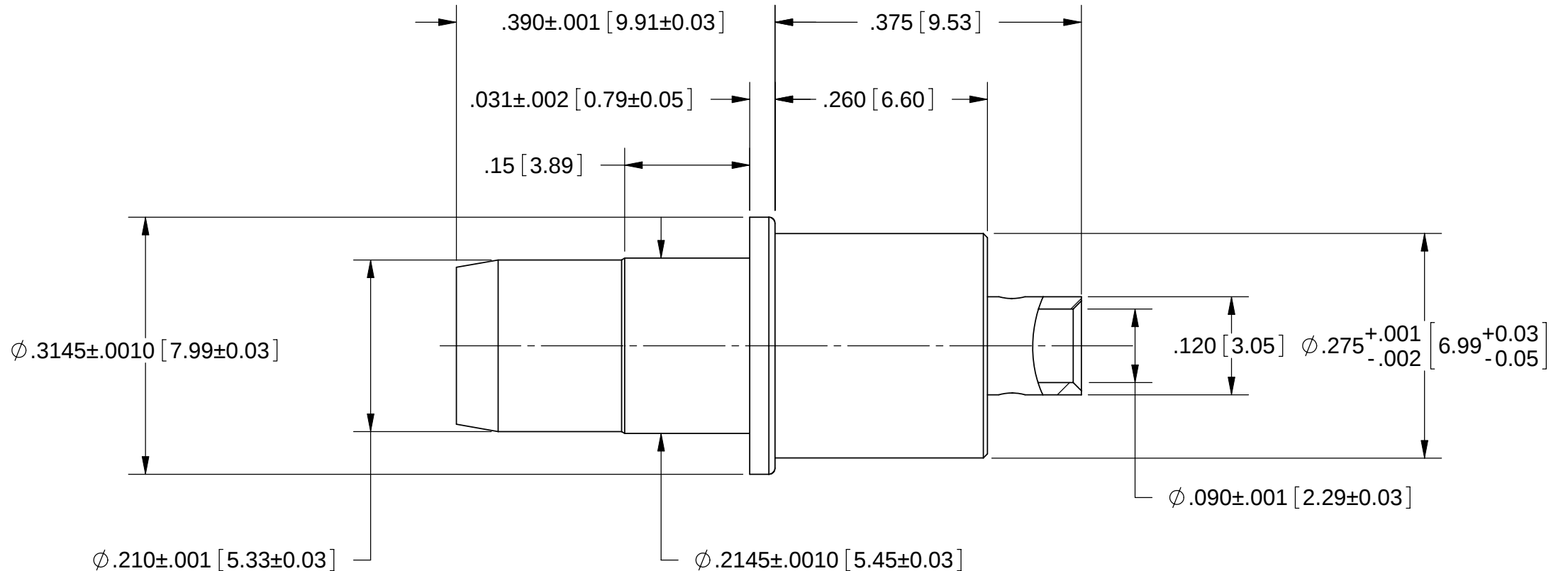


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| 1                | PRELIMINARY    | 02/11/08 |          |
| -                | REL. DCN 36237 | 11/24/08 | STW      |
|                  |                |          |          |



MATERIAL:

BODY: 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

FINISH:

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 18 GHz        |
| VSWR:        | 1.30:1 DC TO 18 GHz |
| DWV:         | 1000 VRMS           |
| INSUL. RES.: | 5000 MEGOHMS MIN.   |

|                                                                                                                                                                                                                      |           |                                                                                                                 |                                                                                                                                                                                                                                                                                                                               |                                                                                                 |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------|
| MATERIAL:                                                                                                                                                                                                            | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: ±1/64    ANGULAR: X°    ±1°0'<br>X'X" ±15'                  | UNLESS OTHERWISE SPECIFIED<br>1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .030 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63μMIL-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    ±.030<br>.XX    ±.010<br>.XXX    ±.005                                                           |                                                                                                                                                                                                                                                                                                                               | TITLE:<br><br><b>BMA/M38999 PIN<br/>FOR FLEX 405 CABLE</b>                                      |              |
| SURFACE AREA:                                                                                                                                                                                                        | N/A       | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                                      |                                                                                                                                                                                                                                                                                                                               | SIZE   CAGE CODE   DWG. NO. <b>SF9421-6000</b>                                                  |              |
| <b>PROPRIETARY</b><br>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. |           | THIRD ANGLE PROJECTION<br> | DRAWN: JMC 02/11/08<br>CHECKED: STW 11/21/08<br>APPROVED: STW 11/21/08                                                                                                                                                                                                                                                        | SCALE: 6:1                                                                                      | SHEET 1 OF 1 |

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