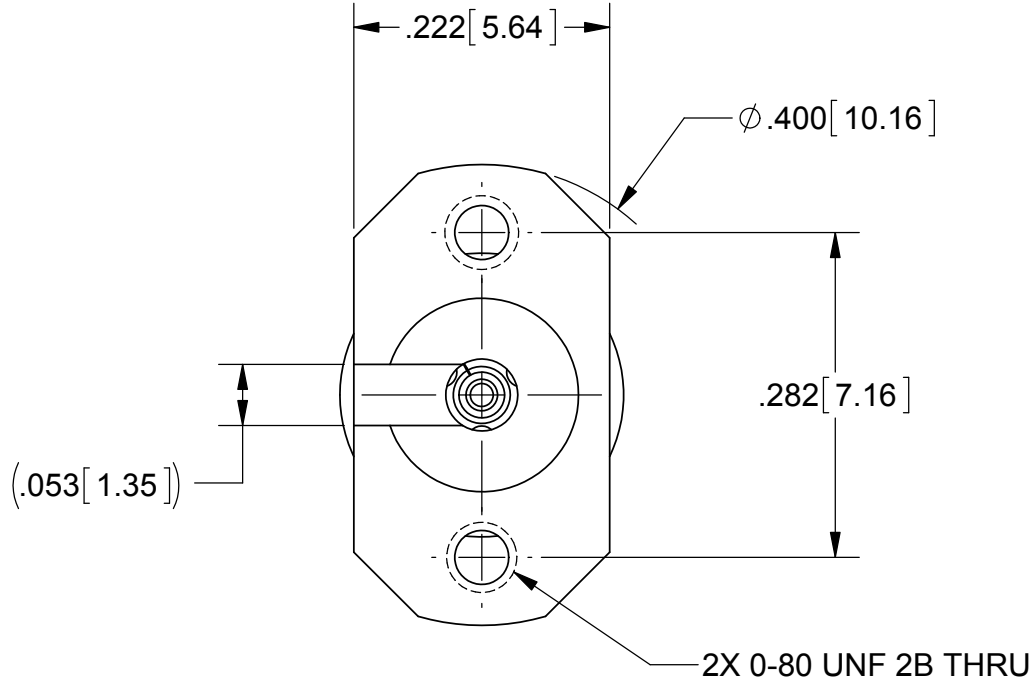
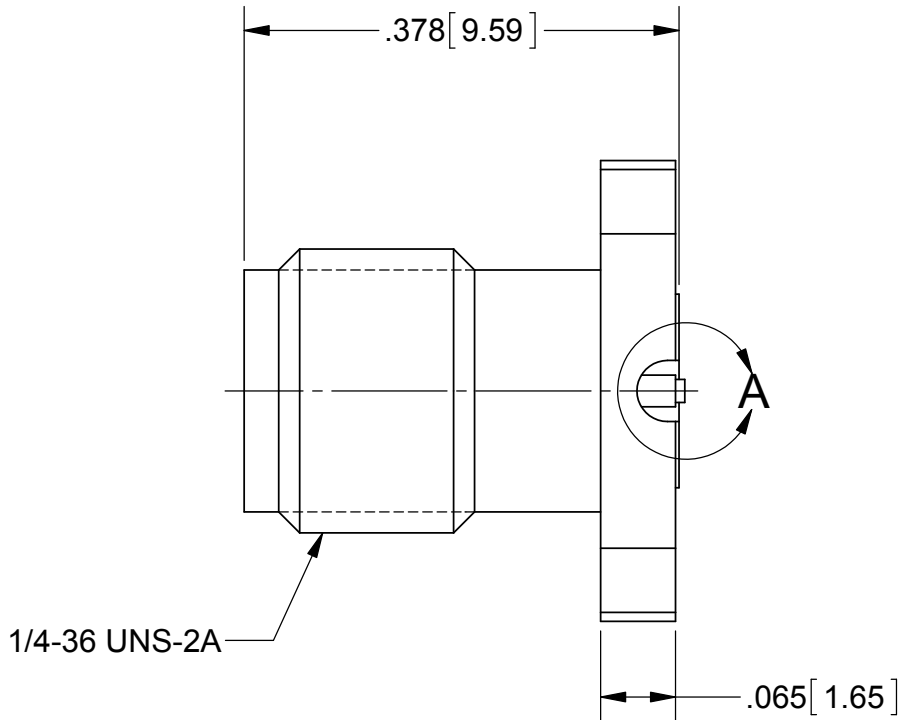


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| -                | NRN 38769   | 05/14 | STW      |
|                  |             |       |          |
|                  |             |       |          |



**MATERIAL:**

BODY & INSERT: STAINLESS STEEL PER AMS-5640,  
ALLOY UNS S30300, TYPE 1

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

INSULATOR: ULTEM PER ASTM D5205

## FINISH:

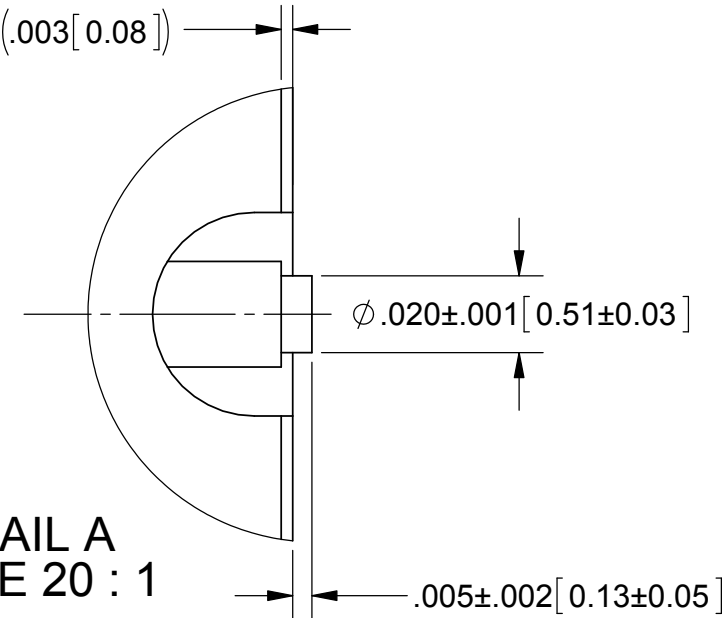
BODY & INSERT: PASSIVATED PER AMS-2700.

CONTACT: GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS 1.27, OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

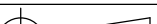
## PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 40.0 GHz  
VSWR: 1.30:1 DC TO 40.0 GHz  
INSERTION LOSS: .05 X SQRT(F(F IN GHz))  
DWV: 500 VRMS

ENGAGEMENT/  
DISENGAGEMENT: 2 IN-LBS



DETAIL A  
SCALE 20 : 1

|                                                                                                                                                                                                |           |                                                                                                             |  |                                                                                                                                                                                                                                                                                              |  |                                                                                                                     |  |              |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|--------------|--------------|
| MATERIAL:                                                                                                                                                                                      | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:                                                                        |  | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                   |  | <div>SV Microwave, Inc.</div> <div>2400 Centrepark West Drive, Suite 100</div> <div>West Palm Beach, FL 33409</div> |  |              |              |
| FINISH:                                                                                                                                                                                        | SEE NOTES | FRACTIONAL: $\pm 1/64$ ANGULAR: $X^{\circ} \pm 1'0''$<br><div><math>X''X'</math> <math>\pm 15'</math></div> |  | 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-MSTD-10.<br>6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS |  | TITLE:                                                                                                              |  |              |              |
| SURFACE AREA:                                                                                                                                                                                  | N/A       | DECIMAL: .X $\pm .030$<br><div><math>\pm .010</math></div> <div><math>\pm .005</math></div>                 |  | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                                                                                                                                                                                                                   |  | 2.92MM JACK FL MT<br>W/ 0-80 UNF THD                                                                                |  |              |              |
| PROPRIETARY                                                                                                                                                                                    |           | THIRD ANGLE PROJECTION                                                                                      |  | DRAWN:                      BNK 04/08/14                                                                                                                                                                                                                                                     |  | SIZE                                                                                                                |  | CAGE CODE    | DWG. NO.     |
| 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:                      STW 04/08/14                                                                                                                                                                                                                                                   |  | B                                                                                                                   |  | 95077        | SF1521-60070 |
|                                                                                                                                                                                                |           |                                                                                                             |  | APPROVED:                      STW 04/08/14                                                                                                                                                                                                                                                  |  | SCALE: 6:1                                                                                                          |  | SHEET 1 OF 1 |              |