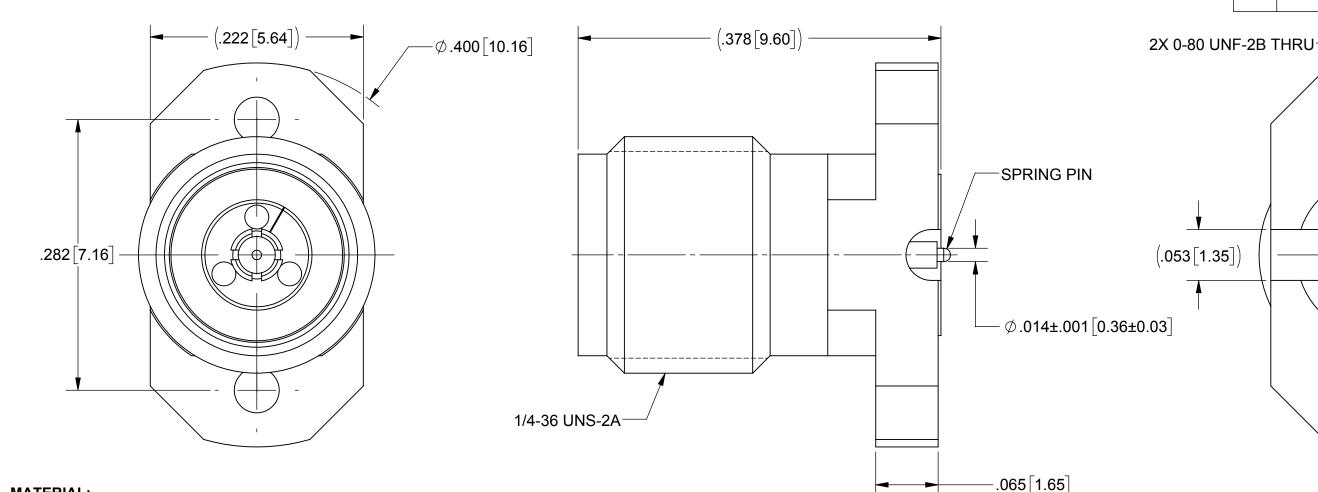
## PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |  |  |
|------------------|-------------|-------|----------|--|--|
| REV              | DESCRIPTION | DATE  | APPROVED |  |  |
| -                | DCN 47331   | 04/18 | JMS      |  |  |
|                  |             |       |          |  |  |
|                  |             |       |          |  |  |



**MATERIAL:** 

**BODY &** 

INSERT: STAINLESS STEEL PER AMS-5640,

ALLOY UNS S30300, TYPE 1; OR ASTM A582 TYPE 303, COND. A

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

**ULTEM PER ASTM D5205** INSULATOR:

FINISH:

BODY & INSERT:

PASSIVATED PER AMS-2700

CONTACTS:

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

**PERFORMANCE:** 

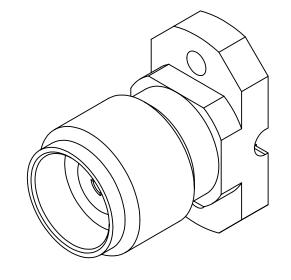
IMPEDANCE: 50 OHMS

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

DWV:

ENGAGEMENT/

DISENGAGEMENT: 2 IN-LBS.



| SV P/N          | DESCRIPTION           | PCB THICKNESS |  |
|-----------------|-----------------------|---------------|--|
| SF1521-60115-1S | INCL. TWO .188 SCREWS | .028 TO .123  |  |

## NOTES:

1. FOR A FOOTPRINT RECOMMENDATION SPECIFIC TO YOUR PCB, PLEASE CONTACT US AT applications@svmicro.com

| MATERIAL:    | SEE NOTES   | DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0′ | 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 |              | 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409  TITLE:  2.92mm FEMALE 2 HOLE FLANGE |                   |              |
|--------------|---|--|---|--------------|--|-------------------|--------------|
| FINISH:      | SEE NOTES   | DECIMAL: .X ±.030X ±.010XX ±.010XXX ±.005XX                              |   |              |  |                   |              |
| SURFACE AR   | <sup>EA:</sup> N/A  |  |   |              |  |                   |              |
| THE INFORMAT | PROPRIETARY  E INFORMATION CONTAINED IN THIS DRAWING THE SOLE PROPERTY OF SV MICROWAVE, INC. Y REPRODUCTION IN PART OR AS A WHOLE THOUT THE WRITTEN PERMISSION OF MICROWAVE, INC IS PROHIBITED. | PER ASME Y14.5M - 1994  THIRD ANGLE PROJECTION                           | DRAWN:  | VB 04/02/18  | MOUNT W/ SPRING PIN  |                   | PIN          |
| ANY REPRODU  |   | ⊕ €∃   | CHECKED:  | JMS 04/02/18 | B CAGE CODE 95077  | DWG. NO. SF1521-6 | 0115-1S      |
|              |   |  | APPROVED:   | JMS 04/02/18 | SCALE: 10:1  |                   | SHEET 1 OF 1 |