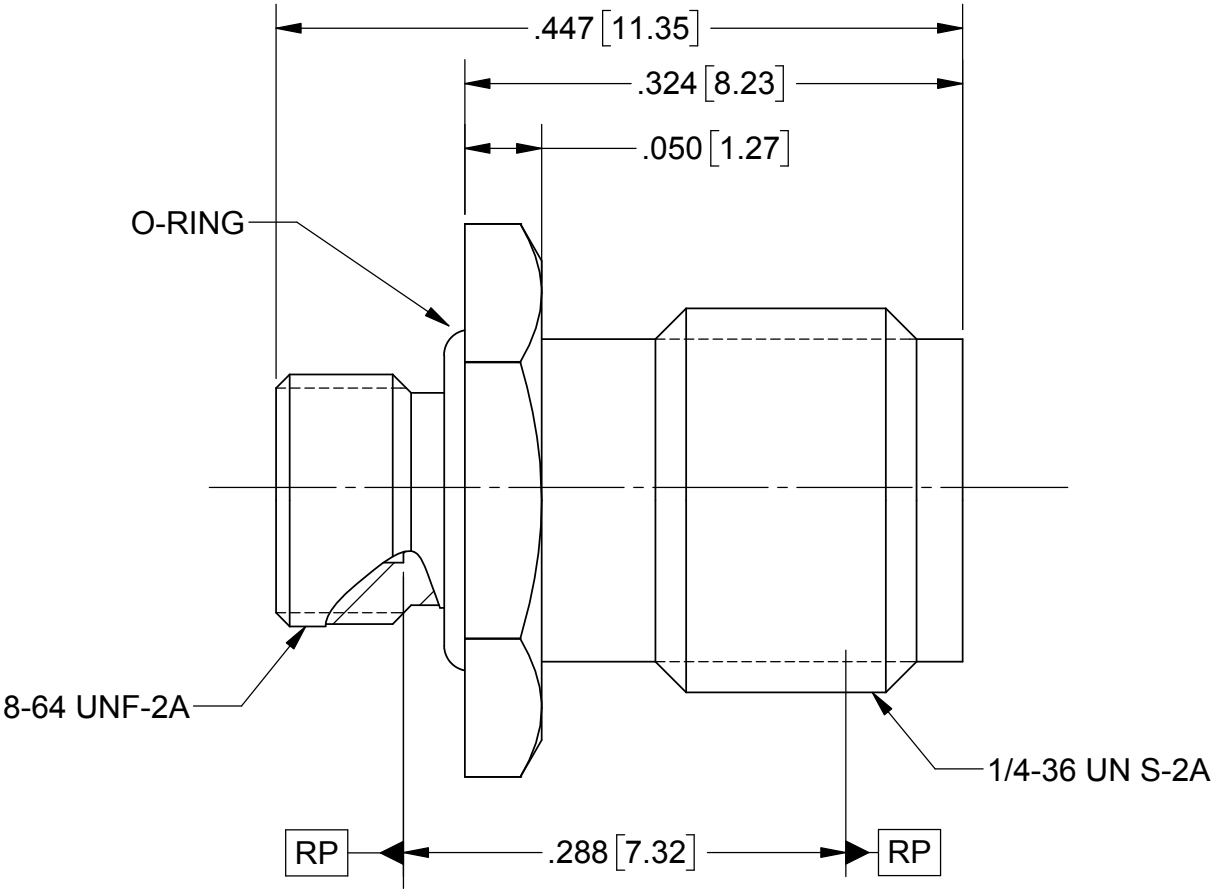
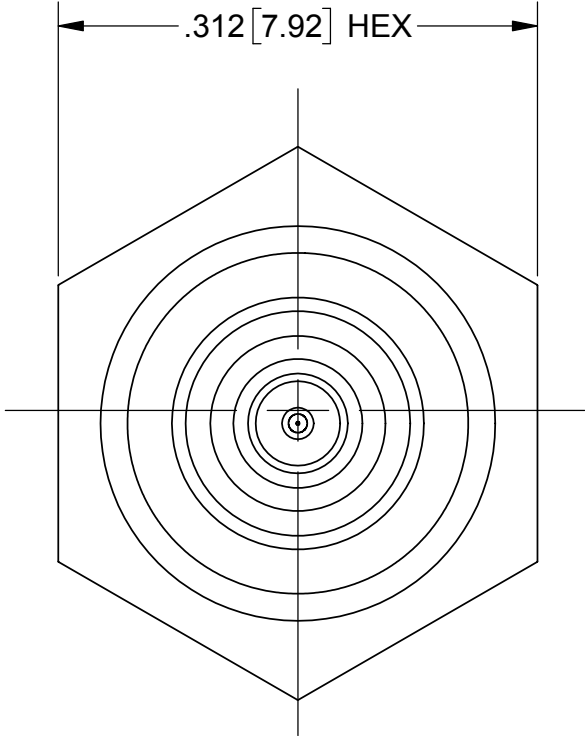


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |             |          |          |
|------------------|-------------|----------|----------|
| REV              | DESCRIPTION | DATE     | APPROVED |
| 01               | PRELIMINARY | 09/18/18 | STW      |
|                  |             |          |          |
|                  |             |          |          |



**MATERIAL:**

BODY: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1  
OR ASTM A582, TYPE 303, CONDITION A.

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

INSULATOR: PTFE PER ASTM D1710.

GLASS: CORNING 7070 OR EQUIVALENT.

PIN: KOVAR PER ASTM F15.

O-RING: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60 OR 70.

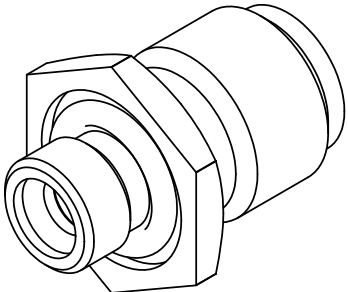
FINISH:

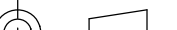
BODY, CONTACT,  
& PIN : GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27  
OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

INSERT: PASSIVATED PER AMS 2700.

## PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 18.0 GHz  
HERMETICITY: 1 X 10<sup>-8</sup>.



|                                                                                                                                                                                                |           |                                                                                                    |                                                                                                                                                                                                                                                                                                                              |                                                                                                 |           |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------|--------------|
| MATERIAL:                                                                                                                                                                                      | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: ±1/64    ANGULAR: X°    ±1°0'<br>X'X''    ±15' | UNLESS OTHERWISE SPECIFIED<br><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 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: ADAPTER SMA FEM TO SMPM<br>FD MALE BLKHD MT<br>HERMETICALLY SEALED                       |           |              |
| SURFACE AREA:                                                                                                                                                                                  | N/A       | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                         |                                                                                                                                                                                                                                                                                                                              | SIZE                                                                                            | CAGE CODE | DWG. NO.     |
| PROPRIETARY                                                                                                                                                                                    |           | THIRD ANGLE PROJECTION                                                                             | DRAWN: JMC 09/18/18                                                                                                                                                                                                                                                                                                          | B                                                                                               | 95077     | SF1132-6093  |
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|                                                                                                                                                                                                |           |                                                                                                    | APPROVED: STW 09/18/18                                                                                                                                                                                                                                                                                                       | SCALE: 8:1                                                                                      |           | SHEET 1 OF 1 |

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