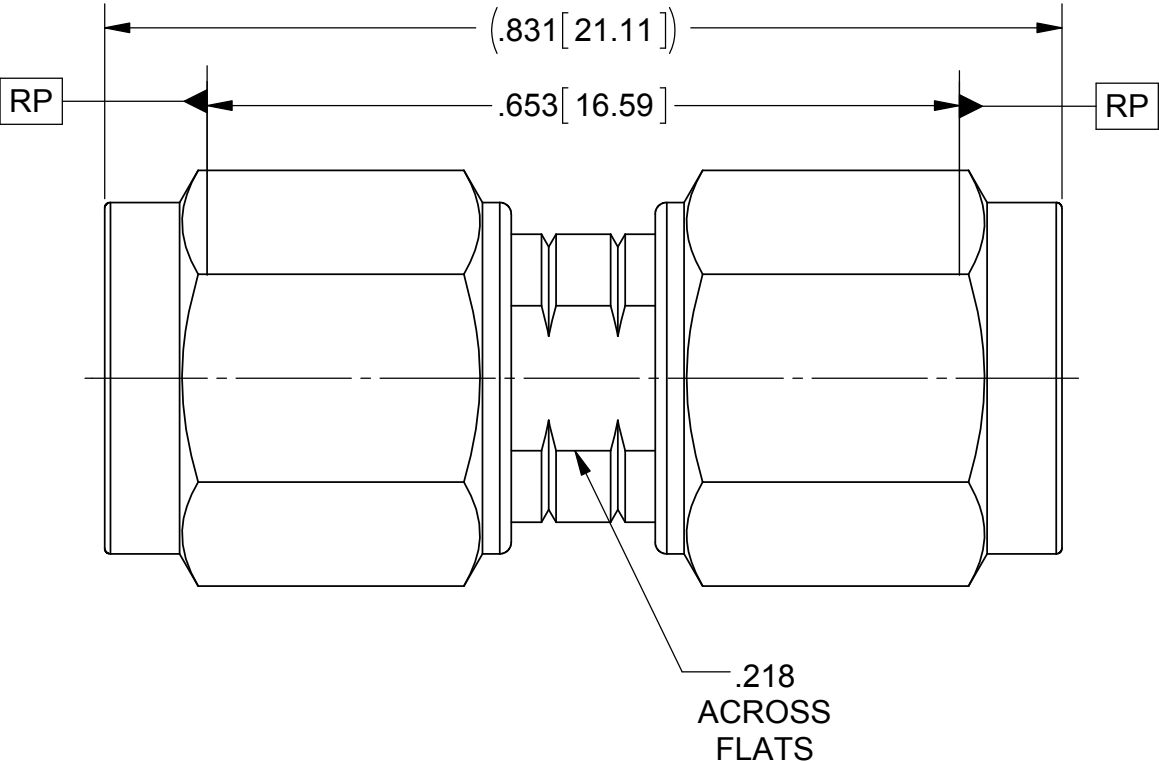
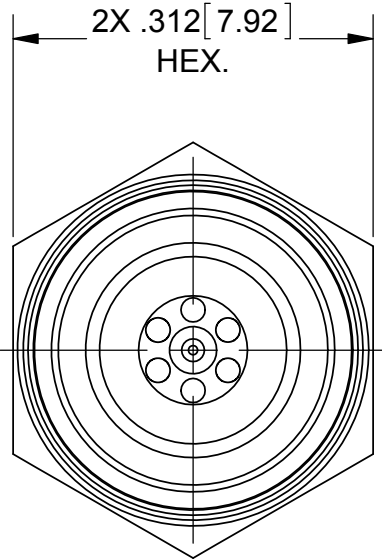


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| 01               | PRELIMINARY    | 08/12    | STW      |
| -                | REL. NRN 37890 | 12/30/12 | STW      |
| A                | DCN 40984      | 12/14    | STW      |



**MATERIAL:**

BODY, INSERTS &  
COUPLING NUT:

STAINLESS STEEL PER AMS-5640,  
ALLOY UNS S30300, TYPE 1

LOCK RING &  
CONTACT:

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

BEADS:

# POLYETHERIMIDE "ULTEM" PER ASTM D5205

**GASKET:**

SILICONE RUBBER PER A-A-59588,  
CLASS 2B, GRADE 50/60

## FINISH:

BODY, INSERTS, &  
COUPLING NUT:

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 50.0 GHz

VSWR: 1.11:1 MAX. DC TO 18GHz

1.13:1 MAX. 18 TO 26.5 GHz

1.29:1 MAX. 26.5 TO 50 GHz

INSERTION LOSS: .07 X SQRT (F(F IN GHz))

|                                                                                                                                                                                                |           |                                                                                                    |                                                                                                                                                                                                                                                                                                                                   |                                                                                                 |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|--|
| 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 .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: <b>2.4mm PLUG TO PLUG ADAPTER</b>                                                        |  |  |
| SURFACE AREA:                                                                                                                                                                                  | N/A       | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                         |                                                                                                                                                                                                                                                                                                                                   |                                                                                                 |  |  |
| <b>PROPRIETARY</b>                                                                                                                                                                             |           |                                                                                                    |                                                                                                                                                                                                                                                                                                                                   |                                                                                                 |  |  |
| 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                                                                             | DRAWN: ELA 08/10/12                                                                                                                                                                                                                                                                                                               | SIZE CAGE CODE DWG. NO. <b>SF1116-6039</b>                                                      |  |  |
|                                                                                                                                                                                                |           |               | CHECKED: STW 08/10/12                                                                                                                                                                                                                                                                                                             |                                                                                                 |  |  |
|                                                                                                                                                                                                |           |                                                                                                    | APPROVED: STW 08/10/12                                                                                                                                                                                                                                                                                                            | SCALE: 6:1 SHEET 1 OF 1                                                                         |  |  |

