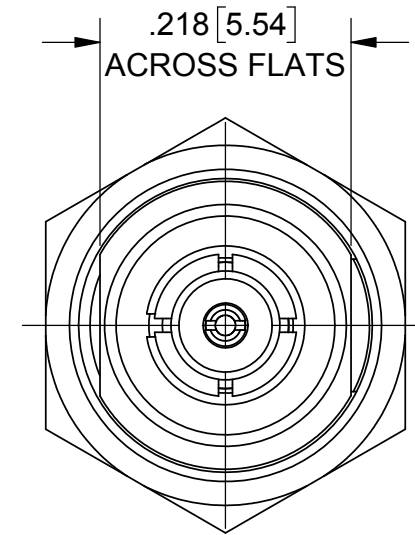
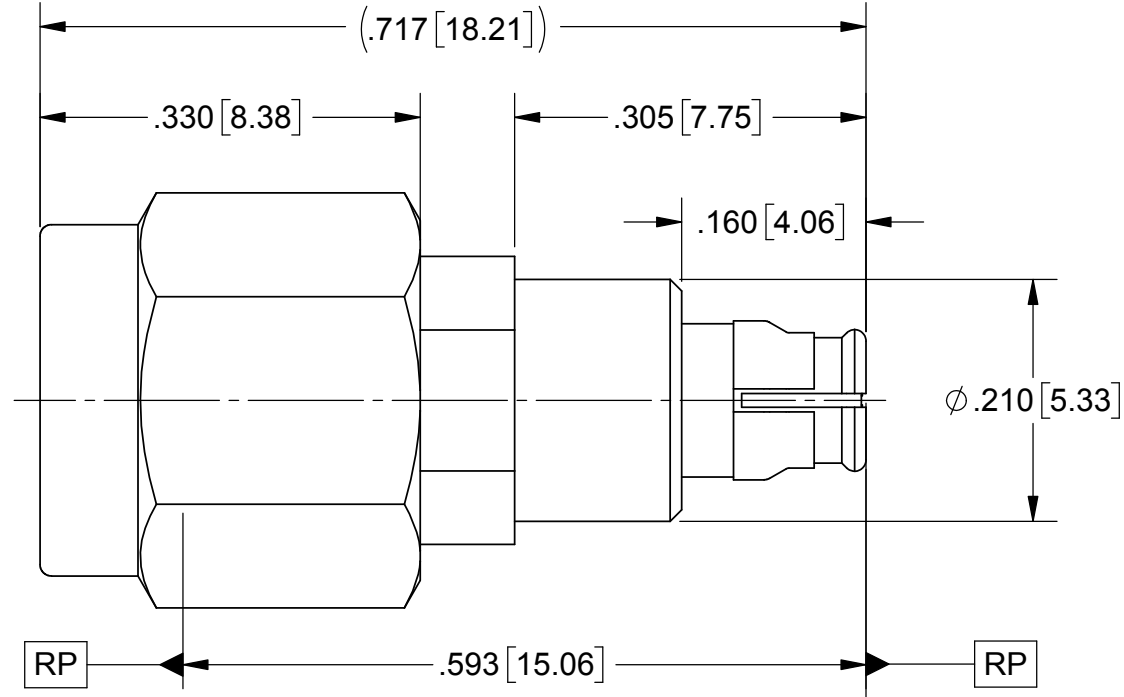
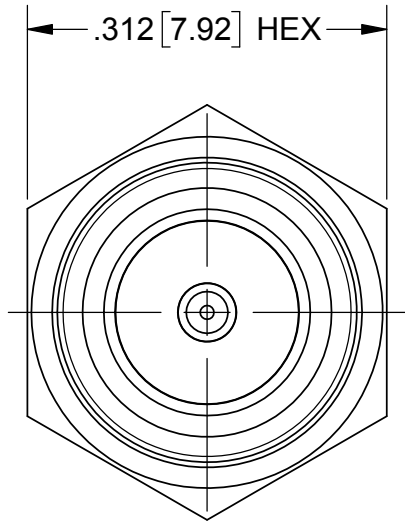


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |                |          |          |
|------------------|----------------|----------|----------|
| REV              | DESCRIPTION    | DATE     | APPROVED |
| -                | NRN 41580      | 05/17    | STW      |
| A                | REV. DCN 46580 | 06/27/17 | STW      |
| B                | DCN 46947      | 10/17    | STW      |



**MATERIAL:**

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

BODY, LOCK RING &  
CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.

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

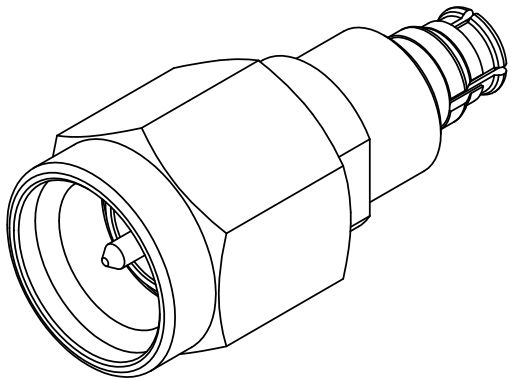
## FINISH:

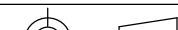
COUPLING NUT: PASSIVATED PER AMS 2700.

BODY &  
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 18.0 GHz  
VSWR: 1.20:1 DC TO 18.0 GHz.



|                                                                                                                                                                                                |           |  |                                                                                       |  |                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| MATERIAL:                                                                                                                                                                                      | SEE NOTES |  | DIMENSIONS ARE IN INCHES TOLERANCES:                                                  |  | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                      |  | <br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |  |
| FINISH:                                                                                                                                                                                        | SEE NOTES |  | FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1'0''$<br>$X^\circ X'$ $\pm 15'$         |  | 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 |  | TITLE:                                                                                                                                                      |  |
| SURFACE AREA:                                                                                                                                                                                  | N/A       |  | DECIMAL: $.X \pm .030$<br>$.XX \pm .010$<br>$.XXX \pm .005$                           |  |                                                                                                                                                                                                                                                                                                 |  | SMA PLUG TO SMP JACK ADAPTER                                                                                                                                |  |
| PROPRIETARY                                                                                                                                                                                    |           |  | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                            |  |                                                                                                                                                                                                                                                                                                 |  | SIZE <b>B</b> CAGE CODE <b>95077</b> DWG. NO. <b>SF1129-6154</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: TMW 04/18/17                                                                                                                                                                                                                                                                             |  | SCALE: 6:1                                                                                                                                                  |  |
|                                                                                                                                                                                                |           |  |  |  | CHECKED: STW 04/18/17                                                                                                                                                                                                                                                                           |  | SHEET 1 OF 1                                                                                                                                                |  |
|                                                                                                                                                                                                |           |  |                                                                                       |  | APPROVED: STW 04/18/17                                                                                                                                                                                                                                                                          |  |                                                                                                                                                             |  |

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