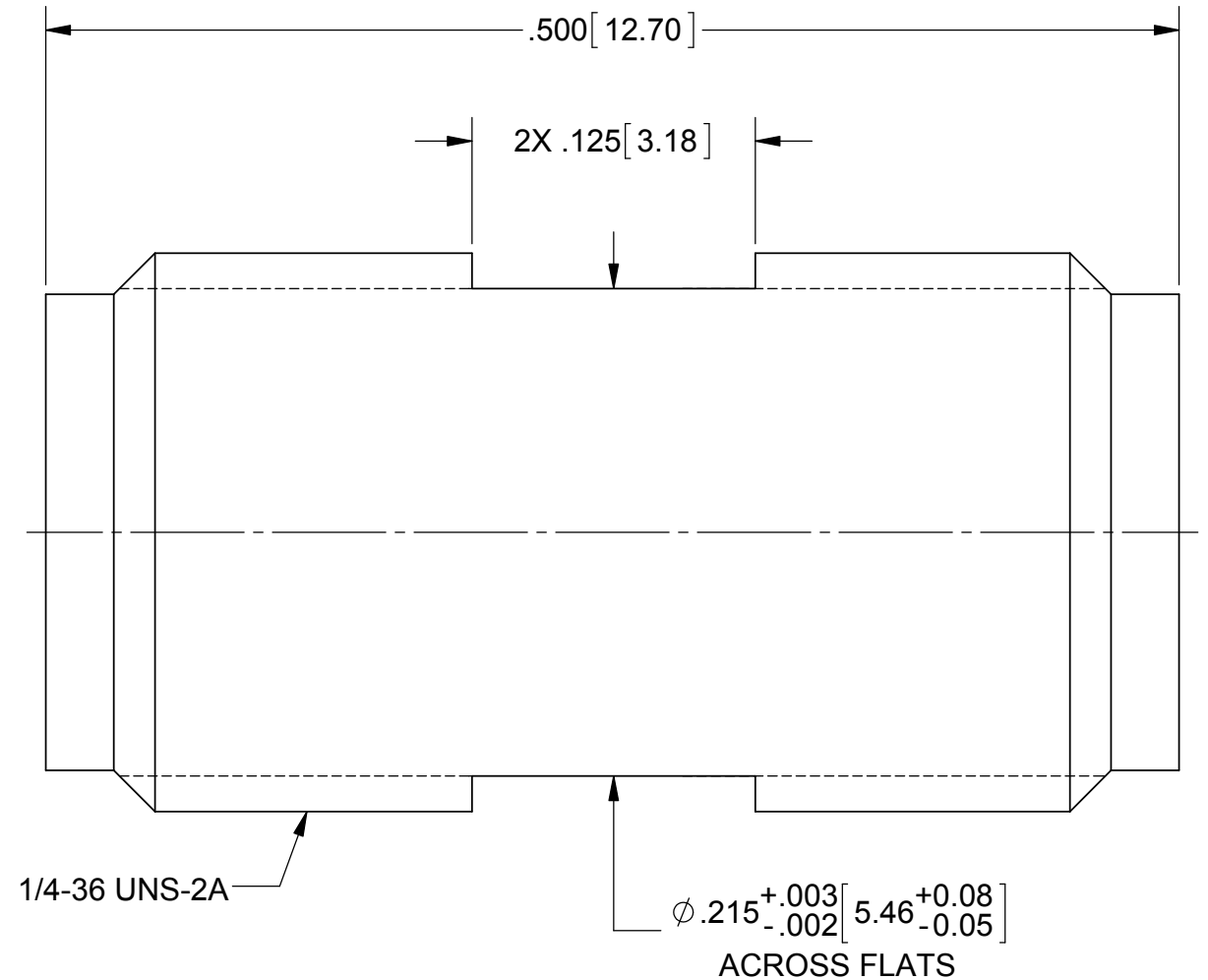
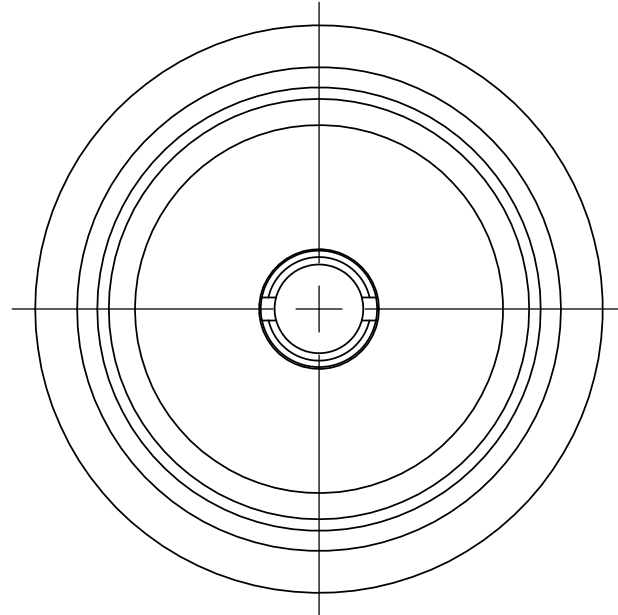
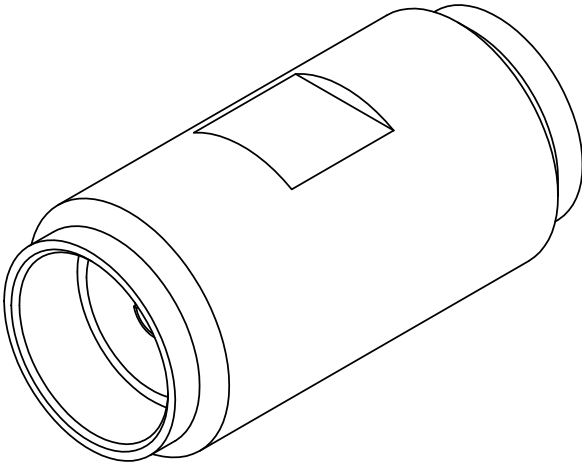


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| A                | DCN 41869   | 11/15 | DAL      |
|                  |             |       |          |
|                  |             |       |          |



**MATERIAL:**

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

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

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

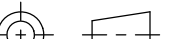
## FINISH:

BODY: PASSIVATED PER AMS-2700

CONTACT: GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS .76, OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

## PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 18.0 GHz.  
VSWR:  $1.10 + .008 * F(F \text{ IN GHz.})$ :1 MAX. DC TO 18.0 GHz.

|                                                                                                                                                                                                |           |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                          |  |             |           |              |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|-----------|--------------|-----------------|
| MATERIAL:                                                                                                                                                                                      | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:<br><br>FRACTIONAL: ±1/64    ANGULAR: X°    ±1°0'<br>X'X''    ±15'<br><br>DECIMAL: .X    ±.030<br>.XX    ±.010<br>.XXX    ±.005<br><br>INTERPRET DIMENSIONS AND TOLERANCES<br>PER ASME Y14.5M - 1994 | 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<br>WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | <div><div><div>SV</div><div>Amphenol</div><div>MICROWAVE</div></div><div>2400 Centrepark West Drive, Suite 100<br/>West Palm Beach, FL 33409</div></div> |  |             |           |              |                 |
| FINISH:                                                                                                                                                                                        | SEE NOTES |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                     | TITLE:<br><br>SMA JACK TO JACK<br>STRAIGHT ADAPTER                                                                                                       |  |             |           |              |                 |
| SURFACE AREA:                                                                                                                                                                                  | N/A       |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                          |  |             |           |              |                 |
| PROPRIETARY                                                                                                                                                                                    |           |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                          |  |             |           |              |                 |
| 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:                                                                                                                                                                                                                                                                                                                              | DWE 04/16/87                                                                                                                                             |  |             |           |              |                 |
|                                                                                                                                                                                                |           |                                                                                                                                                     | CHECKED:                                                                                                                                                                                                                                                                                                                            | DAL 11/13/15                                                                                                                                             |  | SIZE        | CAGE CODE | DWG. NO.     | M55339/31-30001 |
|                                                                                                                                                                                                |           |                                                                                                                                                                                                                                          | APPROVED:                                                                                                                                                                                                                                                                                                                           | DAL 11/13/15                                                                                                                                             |  | B           | 95077     |              |                 |
|                                                                                                                                                                                                |           |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                          |  | SCALE: 12:1 |           | SHEET 1 OF 1 |                 |