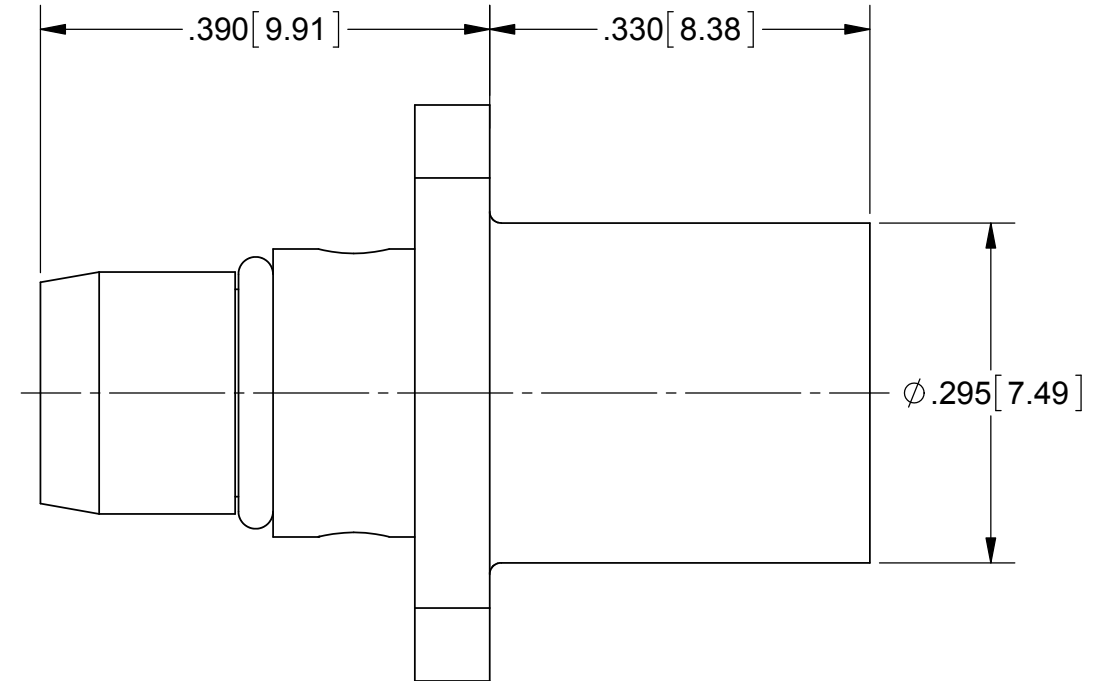
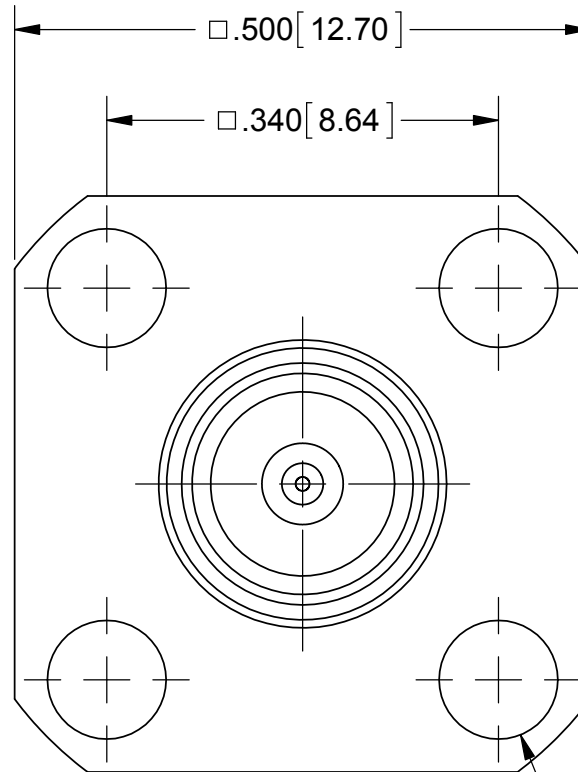
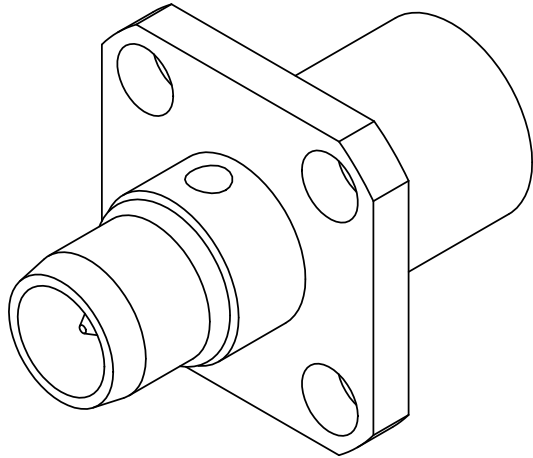


ROHS COMPLIANT

# PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| B                | DCN 41747   | 10/15 | ELA      |
|                  |             |       |          |
|                  |             |       |          |



**MATERIAL:**

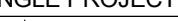
|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| BODIES & CAP:     | STAINLESS STEEL PER AMS-5640,<br>ALLOY UNS S30300, TYPE 1     |
| CONTACTS:         | BERYLLIUM COPPER PER ASTM B196,<br>ALLOY No. UNS C17300, TD04 |
| INSULATORS:       | PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B                 |
| O-RING:           | FLUOROCARBON RUBBER PER AMS 7276                              |
| RESISTOR ELEMENT: | ALUMINA SUBSTRATE WITH<br>NICHROME RESISTOR                   |

## FINISH:

|                      |                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------|
| EXTERNAL BODY & CAP: | PASSIVATED PER AMS-2700                                                                              |
| INTERNAL BODY:       | GOLD PER ASTM B 488, TYPE I, CODE C, CLASS 1.52, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN. |
| 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 18.0 GHz  
VSWR: 1.20:1 DC TO 18.0 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 |  <div style="text-align: center;"> <b>Amphenol</b><br/> <b>SV MICROWAVE</b><br/>         2400 Centrepark West Drive, Suite 100<br/>         West Palm Beach, FL 33409       </div> |                 |                      |
| FINISH:                                                                                                                                                                                                                  | SEE NOTES | DECIMAL: .X ±.030<br>.XX ±.010<br>.XXX ±.005                                                |                                                                                                                                                                                                                                                                                                                                  | TITLE: BMA MALE 4 HOLE FLANGE TERMINATION                                                                                                                                                                                                                               |                 |                      |
| SURFACE AREA:                                                                                                                                                                                                            | N/A       | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                  |                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                         |                 |                      |
| <b>PROPRIETARY</b><br><br>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: DAL 10/07/15                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                         |                 |                      |
|                                                                                                                                                                                                                          |           |        | CHECKED: CCC 04/12/05                                                                                                                                                                                                                                                                                                            | SIZE B                                                                                                                                                                                                                                                                  | CAGE CODE 95077 | DWG. NO. SF8017-6001 |
|                                                                                                                                                                                                                          |           |                                                                                             | APPROVED: CCC 04/12/05                                                                                                                                                                                                                                                                                                           | SCALE: 6:1                                                                                                                                                                                                                                                              |                 | SHEET 1 OF 1         |