

MATERIAL:

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

CRIMP RING & FERRULE: BRASS PER ASTM B16, ALLOY UNS No. C36000

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

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

FINISH:

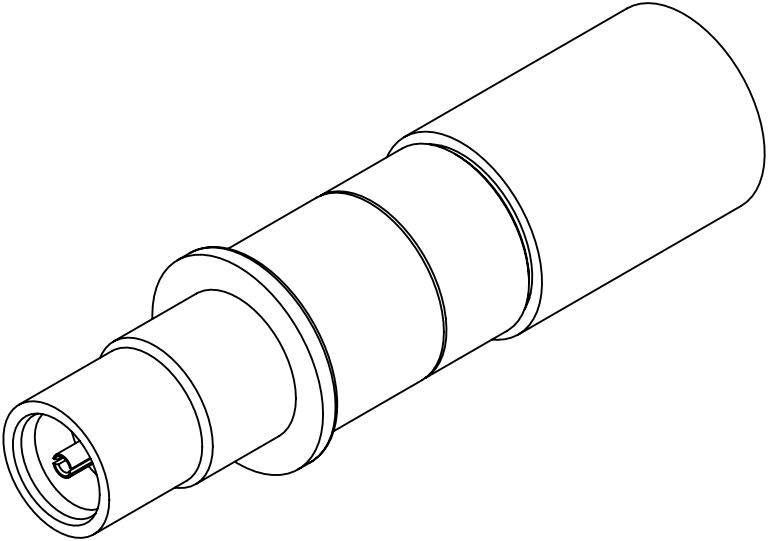
BODY: PASSIVATED PER AMS-2700, TYPE 2.


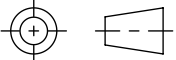
CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

CRIMP RING & FERRILE: NICKEL PLATE PER AMS-QQ-N-290

PERFORMANCE:

IMPEDANCE: 75 OHMS  
FREQ. RANGE: DC TO 2.5 GHz  
VSWR: 1.5:1, DC TO 2.5 GHz  
INSERTION LOSS: .06 X SQRT(F(F IN GHz))  
DWV: 1000 VRMS  
OPERATING TEMP.: -55°C TO +125°C



|  |           |   |   |  |                         |
|--|-----------|---|---|--|-------------------------|
| MATERIAL:  | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:  | UNLESS OTHERWISE SPECIFIED  | <div><br/>www.svmicrowave.com</div> |                         |
| FINISH:  | SEE NOTES | FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$<br>X°X' $\pm 15'$<br>DECIMAL: .X $\pm .030$<br>.XX $\pm .010$<br>.XXX $\pm .005$<br>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994 | 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 |  |                         |
| SURFACE AREA:  | N/A       | THIRD ANGLE PROJECTION  | DRAWN: JMC 10/21/08   | TITLE: BMZ 75 OHM PIN<br>FOR LMR-240-75<br>FIT M38999 SIZE 8 CAVITY  |                         |
| 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. |           |    | CHECKED: SEE PDM  |  |                         |
|  |           |   | APPROVED: SEE PDM   | SIZE DWG. NO. B SF9821-60003   | SCALE: 6:1 SHEET 1 OF 1 |