



VERTICAL CONTACT ORIENTATION

5. VSWR NOT TO EXCEED 1.25 :1 THRU 18 GHz
4. RECEPTACLE TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-39012
3. FINISH:  
 BODY AND COUPLING NUT: GOLD PER MIL-G-45204:  
 OVER NICKEL PER QQ-N-290  
 CONTACT: GOLD PER MIL-G-45204: TYPE II,  
 CLASS 2, OVER COPPER PER MIL-C-14550, CLASS 4
2. MATERIAL:  
 BODY: STAINLESS STL PER QQ-S-764 TYPE 303  
 COUPLING NUT STAINLESS STL PER QQ-S-764 TYPE 303  
 CONTACT: BERYL. COPPER PER QQ-C-530  
 INSULATOR: TEFLON PER MIL-P-19468A
1. MATING DIMS IN ACCORDANCE WITH MIL-STD-348

NOTES :

| PART NO. | A DIM. | 1-9     | 10-24   | 25-49   | 50-99   | 100+   |
|----------|--------|---------|---------|---------|---------|--------|
| 348V-1CC | .012   | \$12.00 | \$11.00 | \$10.55 | \$10.00 | \$9.45 |
| 348V-2CC | .018   | \$12.00 | \$11.00 | \$10.55 | \$10.00 | \$9.45 |
| 348V-3CC | .028   | \$12.00 | \$11.00 | \$10.55 | \$10.00 | \$9.45 |

**NOTICE**

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**TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES**

- LINEAR XX ± .015 ANGULAR ± 1/2 ° FRACTION ± 1/32  
 XXX ± .005
1. MACHINE FINISH  $\sqrt{63}$  RMS
  2. BREAK ALL SHARP EDGES .002
  3. ALL MACHINED FILLETS
  4. ALL MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .003 PER INCH.
  5. MACHINED DIAMETERS TO BE CONCENTRIC WITHIN .002 - .003 T.I.R.
  6. DIMENSIONS TO BE MET BEFORE PLATING.
  7. CHAMFER ALL THDS .45 DEGREES
  8. THREADS PER H-2B
  9. REMOVE FRAYED EDGES ON TEFLON.
  10. REMOVE ALL BURRS.

|        |       |
|--------|-------|
| WEIGHT | SCALE |
| N/A    | NONE  |

UNITED MICROWAVE PRODUCTS Inc.

SMA PLUG 2 HOLE FLANGE MOUNT  
 VERTICAL SLOT TERMINAL CAPTIVE CONTACT

|       |  |
|-------|--|
| APPR. |  |
| ENG.  |  |
| CHK.  |  |
| DR.   |  |

348V-CC