



5. VSWR NOT TO EXCEED 1.20:1 FROM DC TO 11.0 GHz  
& 1.30:1 FROM 11GHz TO 18 GHz

4. CONNECTOR TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-39012

3. FINISH:

SOLDER BODY : GOLD PER MIL-G-45204:

OVER NICKEL PER QQ-N-290

BODY: PASSIVATE PER QQ-P-35

COUPLING NUT: PASSIVATE PER QQ-P-35

CONTACT: GOLD PER MIL-G-45204: TYPE II,

CLASS 2, OVER COPPER PER MIL-C-14550, CLASS 4

2. MATERIAL:

BODY AND SOLDER 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. | CABLE       | 1-9     | 10-24   | 25-49   | 50-99   | 100+    |
|----------|-------------|---------|---------|---------|---------|---------|
| 528-1-SF | RG-188, 316 | \$26.50 | \$25.25 | \$24.50 | \$24.25 | \$23.50 |

**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

- MACHINE FINISH  $\sqrt{37}$  RMS
- BREAK ALL SHARP EDGES .002
- ALL MACHINED FILLLETS
- ALL MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .003 PER INCH.
- MACHINED DIAMETERS TO BE CONCENTRIC WITHIN .002 - .003 T.I.R.
- DIMENSIONS TO BE MET BEFORE PLATING.
- CHAMFER ALL THDS. 45 DEGREES
- THREADS PER H-2B
- REMOVE FRAYED EDGES ON TEFLON.
- REMOVE ALL BURRS.

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

UNITED MICROWAVE PRODUCTS Inc.

TNC STRAIGHT CABLE PLUG SOLDER/CRIMP

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

528-1-SF