

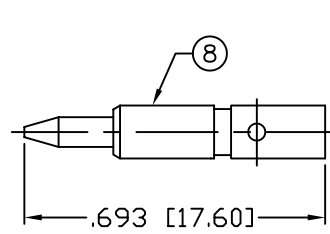
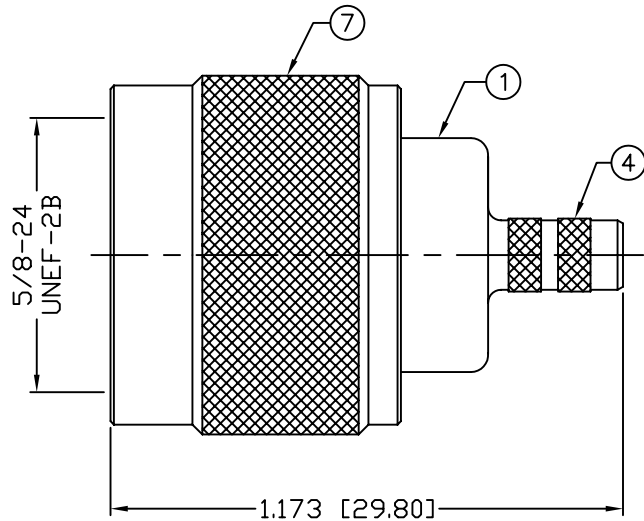
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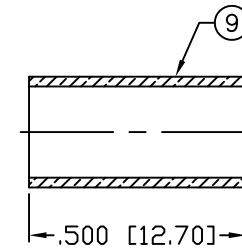
PART NO.

# RFN-1005-C2

| REV | DESCRIPTION              | DWN | DATE     | APPROVED |
|-----|--------------------------|-----|----------|----------|
| -   | ENGINEERING RELEASE      | CZS | 5/19/04  | JDMc     |
| A   | CHANGED STRIP DIMENSIONS | JDM | 12/10/08 | JDMc     |
|     |                          |     |          |          |



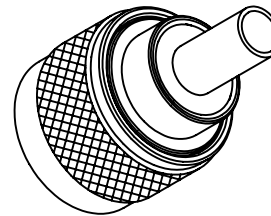
RECOMMENDED CRIMP DIE: .100"



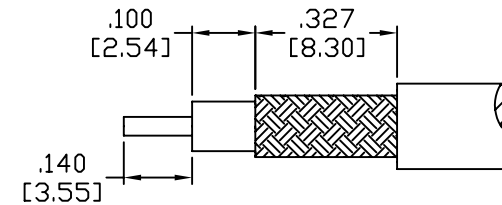
RECOMMENDED CRIMP DIE: .213"

## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-11 GHz  
 VSWR: 1.3 Max. @ 9 GHz  
 INSERTION LOSS: .06 dB Max. X  $\sqrt{f}$ GHz  
 WORKING VOLTAGE: 1k V rms @ sea level  
 TEMPERATURE RANGE: -65°C TO 85°C  
 INSULATION RESISTANCE: 5k M Ohms min.  
 FOR TIMES LMR-200, ALPHA 9848 & MSI-22



DETAIL 1/1



RECOMMENDED STRIPPING DIM'S

| 1  | BODY           | 1   | BRASS    | NICKEL, 100 $\mu$ " | 008974    | DRAWN<br>C. ZUNIGA<br>7/29/04 |
|----|----------------|-----|----------|---------------------|-----------|-------------------------------|
| 2  | GROUND RING    | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |                               |
| 3  | INSULATOR      | 1   | PTFE     | ---                 |           |                               |
| 4  | FERRULE STUD   | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |                               |
| 5  | RETAINING RING | 1   | SUS 304  | ---                 |           |                               |
| 6  | GASKET         | 1   | SILICONE | ---                 |           |                               |
| 7  | SHELL          | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |                               |
| 8  | PIN            | 1   | BRASS    | GOLD, 3 $\mu$ "     |           |                               |
| 9  | FERRULE        | 1   | COPPER   | NICKEL, 100 $\mu$ " |           |                               |
| 10 |                |     |          |                     | CHECKED   |                               |
| 11 |                |     |          |                     |           |                               |
| 12 |                |     |          |                     |           |                               |
| 13 |                |     |          |                     | ORJ DRAWN |                               |
| 14 |                |     |          |                     | C. ZUNIGA | 7/29/04                       |
| #  | DESCRIPTION    | QTY | MATERIAL | FINISH              | APPROVALS | DATE                          |

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. CHAMFER 1ST & LAST THREADS 45°
4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES  
 AND [MILLIMETERS]

UNLESS OTHERWISE NOTED  
 TOLERANCES ARE:

| DECIMALS        | DIAMETER        |
|-----------------|-----------------|
| .xxx±.003 [.08] | .xxx±.001 [.03] |
| .xx±.005 [.13]  | .xx±.003 [.08]  |

**RFconnectors**  
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## N PLUG, CRIMP

| SIZE       | CABLE GROUP | DWG NO.          | REV          |
|------------|-------------|------------------|--------------|
| A          | C2          | RFN-1005-C2      | A            |
| SCALE: NTS |             | CAD FILE OUTLINE | SHEET 1 OF 1 |