

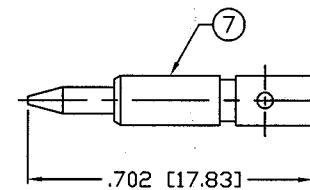
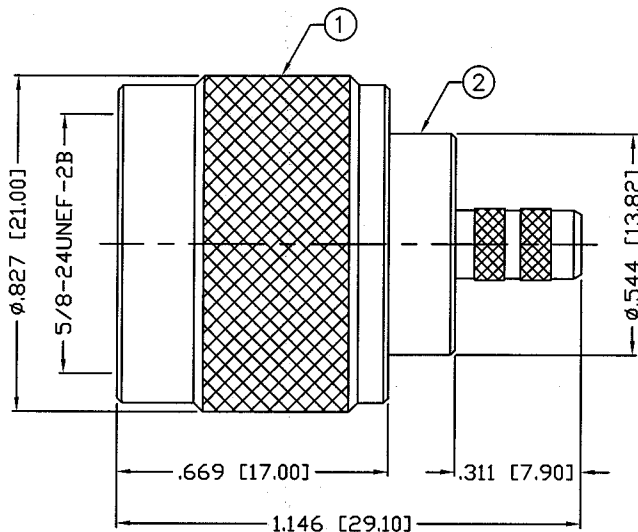
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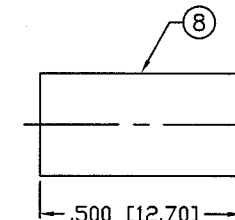
PART NO.

**RFN-1005-2N**

| REV | DESCRIPTION                                        | DWN | DATE    | APPROVED |
|-----|----------------------------------------------------|-----|---------|----------|
| A   | ENGINEERING RELEASE                                | CZS | 7/24/98 | R. RICE  |
| B   | CHANGE FERRULE STUD, FORMAT, SPECS & DWG # (8942A) | CZS | 5/17/01 | JDMc     |
|     |                                                    |     |         |          |
|     |                                                    |     |         |          |



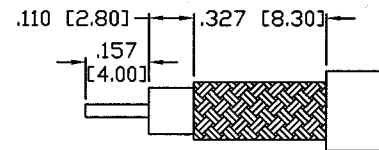
RECOMMENDED CRIMP DIE: .100



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  $\sqrt{f(\text{GHz})}$   
 WORKING VOLTAGE: 1k V rms @ sea level  
 TEMPERATURE RANGE: -65°C TO 165°C  
 INSULATION RESISTANCE: 5k M Ohms min.  
 (C) FOR RG-58, 58A, 58C, 141, 141A, BELDEN 8240,  
 8259, 8262, 9201, 9203, 9310, 9311 & COMM/SCOPE 0268



RECOMMENDED STRIPPING DIM'S

|    |                |     |          |                     |           |      |
|----|----------------|-----|----------|---------------------|-----------|------|
| 1  | SHELL          | 1   | BRASS    | NICKEL, 100 $\mu$ " | 008974    |      |
| 2  | BODY           | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |      |
| 3  | INSULATOR      | 1   | PTFE     | ----                |           |      |
| 4  | GROUND RING    | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |      |
| 5  | GASKET         | 1   | SILICONE | ----                |           |      |
| 6  | RETAINING RING | 1   | SUS 304  | ----                |           |      |
| 7  | PIN            | 1   | BRASS    | GOLD, 3 $\mu$ "     |           |      |
| 8  | FERRULE        | 1   | BRASS    | NICKEL, 100 $\mu$ " |           |      |
| 9  |                |     |          |                     |           |      |
| 10 |                |     |          |                     |           |      |
| 11 |                |     |          |                     |           |      |
| 12 |                |     |          |                     |           |      |
| 13 |                |     |          |                     |           |      |
| 14 |                |     |          |                     |           |      |
| #  | 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]

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**N PLUG, CRIMP**

|        |             |             |         |
|--------|-------------|-------------|---------|
| SIZE   | CABLE GROUP | DWG NO.     | REV     |
| A      | C           | RFN-1005-2N | B       |
| SCALE: | NTS         | CAD FILE    | OUTLINE |
| SHEET  |             |             | 1 OF 1  |