RFN-1000-N/UG-536B/U

**PART NO.** RFN-1000-N/UG-536B/U

**REV.**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>DWN</th>
<th>DATE</th>
<th>APPROVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>F CHANGE DIELECTRIC ID</td>
<td>CZS</td>
<td>5/5/99</td>
<td>R. RICE</td>
</tr>
<tr>
<td>G STANDARDIZE SHELL / CHANGE BODY DIMENSIONS</td>
<td>CZS</td>
<td>7/16/99</td>
<td>R. RICE</td>
</tr>
<tr>
<td>H CHANGE DMS THROUGHOUT TO INCLUDE C1 CBL</td>
<td>CZS</td>
<td>1/19/00</td>
<td>R. RICE</td>
</tr>
<tr>
<td>J CHANGE STRIPPING, SPECS &amp; FORMAT</td>
<td>GGC</td>
<td>8/21/01</td>
<td>JMC</td>
</tr>
</tbody>
</table>

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**SPECSIFICATIONS:**

**IMPEEDANCE:** 50 Ohms

**FREQUENCY RANGE:** 0-11 GHz

**VSWR:** 1.5 Max.

**INSERTION LOSS:** .06 dB Max. X / 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, 8262, 9201, 9203, 9310, 9311 & COMM/SCOPE 0288

(c1) FOR RG-55, 55A, 55B, 142, 142A, 142B, 223/U & 400/U, ALPHA 9055, 9055B, 9223, Belden 8219, 83422, 84142, & 9907

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**DIMENSIONS IN INCHES AND [MILLIMETERS]**

**UNLESS OTHERWISE SPECIFIED:**

1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. THREADS 1/2" & LATCH 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 DIAMETERS ARE AFTER PLATING.

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**DIMENSIONS ARE IN INCHES AND [MILLIMETERS]**

**UNLESS OTHERWISE NOTED TOLERANCES ARE:**

- DECIMALS
- DIAMETER
- .0005 [.013]
- .0005 [.013]
- .0005 [.013]
- .0005 [.013]
- .0005 [.013]

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**DRAWN**

C. ZUNIGA 8/21/01

**CHECKED**

S. SMITH 7/30/90

**APPROVED**

S. SMITH 7/30/90

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**N MALE CLAMP**

**SIZE**

A C, C1, RFN-1000-N

**DWC NO.**

J

**SCALE:** NTS

**CAD FILE:** OUTLINE

**FINISH:**

**APPROVALS DATE**

**SHEET 1 OF 1**