ALL DIMENSIONS ARE REFERENCE ONLY

SPECIFICATIONS:

IMPEDEANCE: 50 Ohms
FREQUENCY RANGE: 0–11 GHz
VSWR: 1.3 Max. @ 9 GHz
INSERTION LOSS: .06 dB Max. x \sqrt{\text{GHz}}
WORKING VOLTAGE: 1k V rms @ sec level
TEMPERATURE RANGE: -65°C TO 165°C
INSULATION RESISTANCE: 5k M Ohms min.
(C1) FOR RG-55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,
ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907

<table>
<thead>
<tr>
<th>SHELL</th>
<th>BODY</th>
<th>INSULATOR</th>
<th>GROUND RING</th>
<th>GASKET</th>
<th>RETAINING RING</th>
<th>PIN</th>
<th>FERRULE</th>
<th>TOTAL</th>
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UNLESS OTHERWISE SPECIFIED:
1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. CHAMFER 1ST & LST THREADS 45°
4. SURFACE ROUGHNESS #3 FINISH MIL-STD-10
5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS IN INCHES AND [MILLIMETERS]

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>MATERIAL</th>
<th>FINISH</th>
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Dwg No. RFN-1005-3C1