C4N50-XX N/Male to N/Female 50 Watt Attenuator 4 GHZ

Rev 000

**Electrical**
- Frequency: 0-4 GHZ
- VSWR: 1.35 Max
- Impedance: 50 Ohms

**Mechanical**
- N Interface per: MIL-STD-348B
- Operating Temperature: -55°C to +125°C

**Materials**
- Body: Nickel Plated Brass
- Contacts: BeCu(Female), Brass(Male)
- Contact Plating: Au 5µ" over Phosphorous/Nickle
- Dielectric: PTFE
- ROHS Compliant

**Power Handling**
- Average: 50 Watts at 25°C, de-rated linearly to 5 Watts at 125°C
- Peak: 10 Kilowatts (5 µsec pulse width, 0.5% duty cycle)

**Attenuation Accuracy (Max)**

<table>
<thead>
<tr>
<th></th>
<th>3, 6 dB</th>
<th>10 dB-30 dB</th>
<th>40 dB</th>
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</thead>
<tbody>
<tr>
<td>DC-4 GHZ</td>
<td>±0.75 dB</td>
<td>±0.75 dB</td>
<td>±0.5 dB</td>
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</tbody>
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**Outline**

Dimensional Tolerances:
- .X: ±0.030
- .XX: ±0.010
- .XXX: ±0.005

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