
**ELECTRICAL SPECIFICATION**

DC Resistance:
- Primary: 32Ω ± 15%
- Secondary: 42Ω ± 15%

Series O/C Inductance:
- measured @ 250mV:
  - 200Hz: >1.9H
  - 2000Hz: >0.4H
  - 4000Hz: >0.2H

Series O/C AC Resistance:
- measured @ 250mV:
  - 200Hz: >2.0KΩ
  - 2000Hz: >6.8KΩ
  - 4000Hz: >9.3KΩ

Leakage Inductance: 1.6mH max.

Harmonic Distortion:
- 2f: -70dB max.
- 3f: -62dB max.
- TDdBm: -63dBm max.

Insertion Loss:
- 1.1dB max.

Frequency Response: ± 0.4dB max.

Return Loss: >21dB (when using recommended circuit).

Max. DC current: 0mA

**ENVIRONMENTAL & SAFETY SPECIFICATION**

Voltage Breakdown: Tested according to EN60950 part 5.3.2.
(test voltage: 3000 Volts).

(temperature range -25°C to +85°C).

**CIRCUIT SCHEMATIC**

**MECHANICAL SPECIFICATION**

As this product is covered by a BABT Certificate of Recognition (CR0059) approvals time will be reduced.
Application Circuits

Reference Impedance (ETS300 001):

Circuit description:

<table>
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<tr>
<th>Country</th>
<th>Rs</th>
<th>Rp</th>
<th>Cp</th>
<th>Cb</th>
<th>R1</th>
<th>C1</th>
<th>R2</th>
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<td>820</td>
<td>115</td>
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<td>750</td>
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Notes:
Country reference networks are subject to change and interpretation. The above is intended as an initial reference and should you require more information for a network not shown please contact your local sales office. Software models are available on disk for all components.