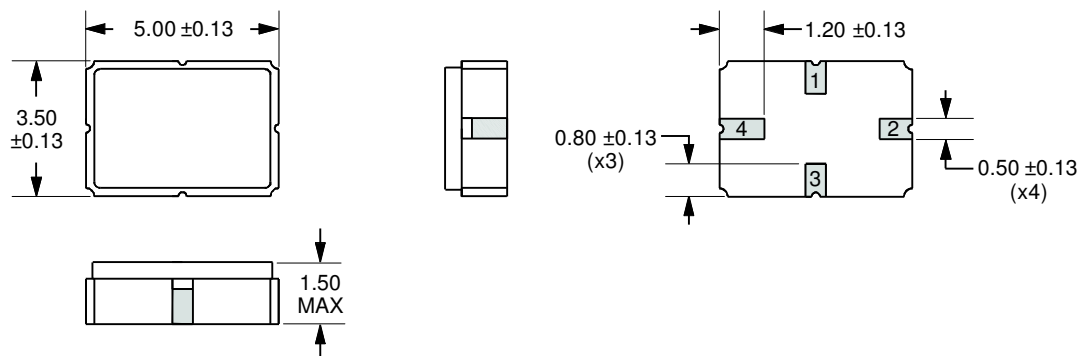


STANDARD SPECIFICATIONS

| Parameter | Minimum | Typical | Maximum |
|--|---------|---------|---------|
| Center Frequency (MHz): | 314.925 | 315.000 | 315.075 |
| Insertion Loss (dB): | - | 1.30 | 1.80 |
| Temperature Coefficient of Frequency (ppm/°C ²): | - | 0.032 | - |
| Turnover Temperature (°C): | 25 | 39 | 55 |
| Frequency Aging (ppm/yr): | - | - | 10 |
| DC Insulation Resistance (MΩ): | 1.0 | - | - |
| Operating Temperature Range (°C): | -10 | 25 | 60 |
| Storage Temperature Range (°C): | -40 | 25 | 85 |
| DC Voltage Between Terminals (Vdc): | -30 | - | +30 |

Comments: Unless otherwise specified, all of the above specifications are under the following conditions:
Operating Temperature = 25 °C

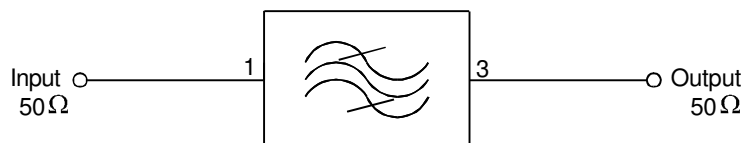
MECHANICAL DIMENSIONS



| Pin | Function |
|-----|----------|
| 1 | Input |
| 2 | Ground |
| 3 | Output |
| 4 | Ground |

ALL DIMENSIONS
IN MILLIMETERS

MATCHING NETWORK CONFIGURATION



MARKING GUIDE

(Line #1) **ARE**
(Line #2) **E0100**



Part Number: AREE0100

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