Suppression Chokes
SU10V Series

Features:

- Common mode - low current
- A range of compact high inductance common mode chokes to provide excellent attenuation of RFI
- Suitable for filtering of power supply rails and use in audio / communication equipment

Specifications:

- Voltage Rating: 250 V ac / dc
- Frequency Range: 0.1 to 10 MHz
- Insulation Resistance: >100 MΩ at 500 V dc (between lines)
- Operating Temperature: -25°C to +65°C
- Inductance Measured at: 10 KHz, 1 mA, KC530
- Withstanding Voltage: 2,400 V ac (2 seconds between lines)
- Thermal Class: E (120°C)

Shape and Dimensions

Dimensions: Millimetres
### Frequency Characteristic

![Frequency Characteristic Chart]

### Specification Table

<table>
<thead>
<tr>
<th>Current Rating (A)</th>
<th>Minimum Inductance (mH)</th>
<th>DC Resistance (Ω / Line)</th>
<th>Maximum Temperature Risk (k)</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>5</td>
<td>1.5</td>
<td></td>
<td>SU10V-05050</td>
</tr>
<tr>
<td>1.5</td>
<td>1</td>
<td>0.2</td>
<td>40</td>
<td>SU10V-15010</td>
</tr>
<tr>
<td>2</td>
<td>0.6</td>
<td>0.15</td>
<td></td>
<td>SU10V-20006</td>
</tr>
</tbody>
</table>

### Part Number Explanation:

- **Type**: SU
- **Core Size**: 10
- **Core Type**: V = Vertical type
- **Current Rating**: 05 = 0.5 A, 15 = 1.5 A and 20 = 2 A
- **Inductance**: 050 = 5 mH, 010 = 1 mH and 006 = 0.6 mH

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