

# Suppression Chokes

## SU9V Series



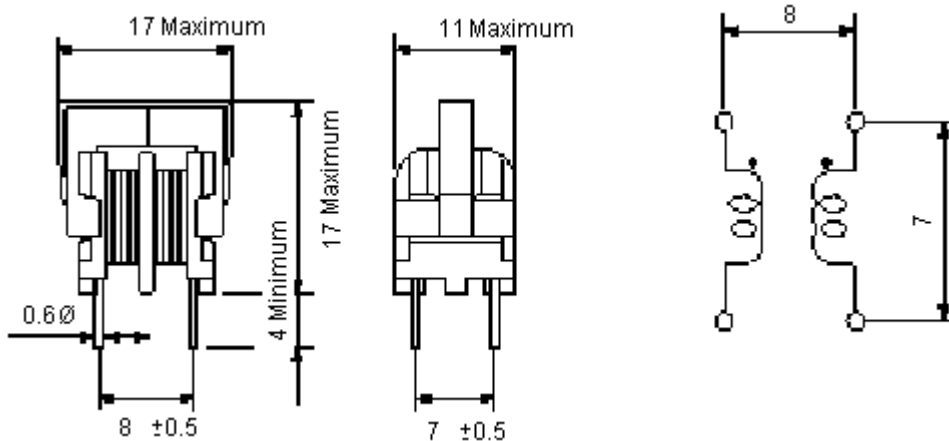
### Features:

- 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 M at 500 V dc (between lines)   |
| Operating Temperature  | : -25°C to +80°C                       |
| Inductance measured at | : 1 KHz, 1 V, KC530                    |
| Withstanding voltage   | : 2,400 V ac (2 seconds between lines) |
| Thermal class          | : E (120°C)                            |

### Shape and Dimensions



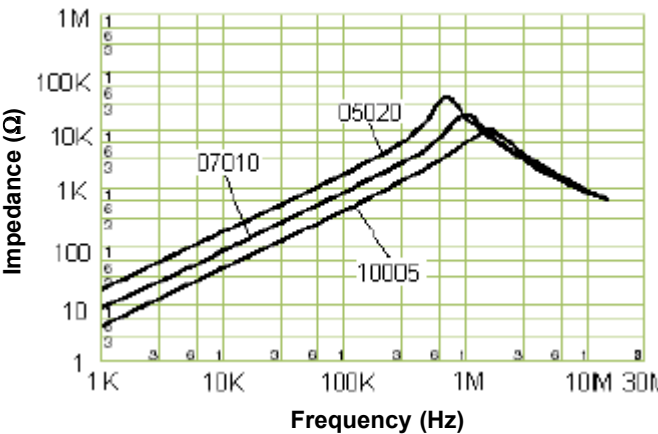
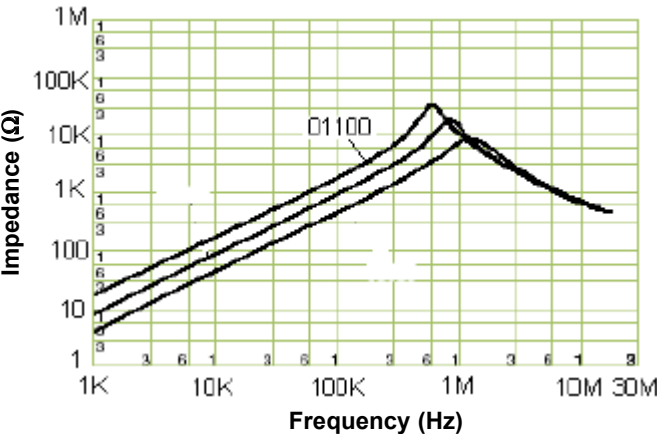
Dimensions : Millimetres

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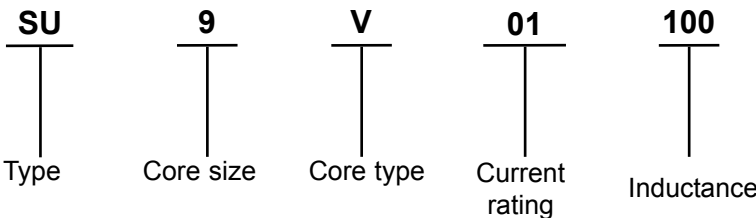
### Frequency Characteristic



### Specification Table

| Current Rating (A) | Minimum Inductance (mH) | DC Resistance (Ω / Line) | Maximum Temperature Risk (K) | Part Number |
|--------------------|-------------------------|--------------------------|------------------------------|-------------|
| 0.1                | 10                      | 8                        | 40                           | SU9V-01100  |
| 0.5                | 2                       | 1                        |                              | SU9V-05020  |
| 0.7                | 1                       | 0.6                      |                              | SU9V-07010  |
| 1                  | 0.5                     | 0.3                      |                              | SU9V-10005  |

### Part Number Explanation:



- Core type** : V = Vertical type
- Current rating** : 01 = 0.1 A, 05 = 0.5 A, 07 = 0.7 A and 10 = 10 A
- Inductance** : 100 = 10 mH, 20 = 2 mH, 10 = 1 mH and 005 = 0.5 mH

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