Suppression Chokes

SU9V Series

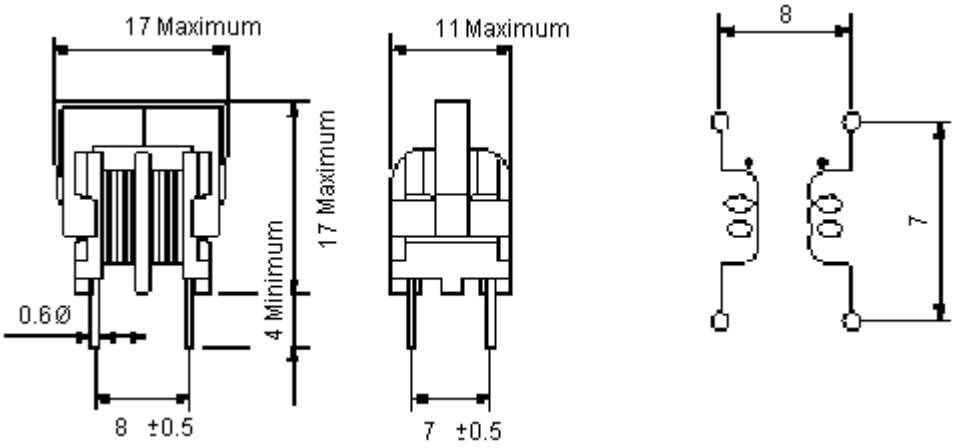
Features:

- 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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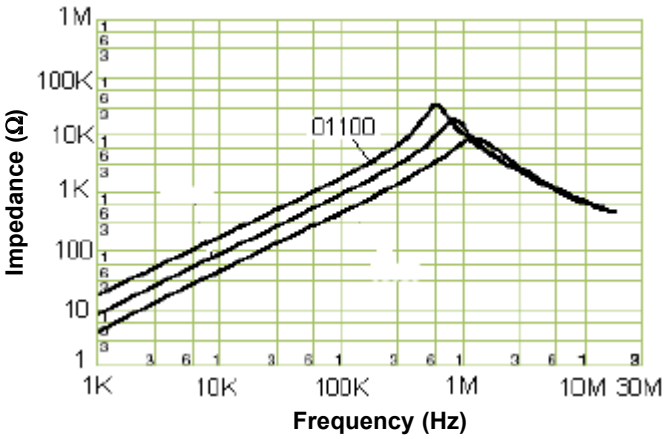
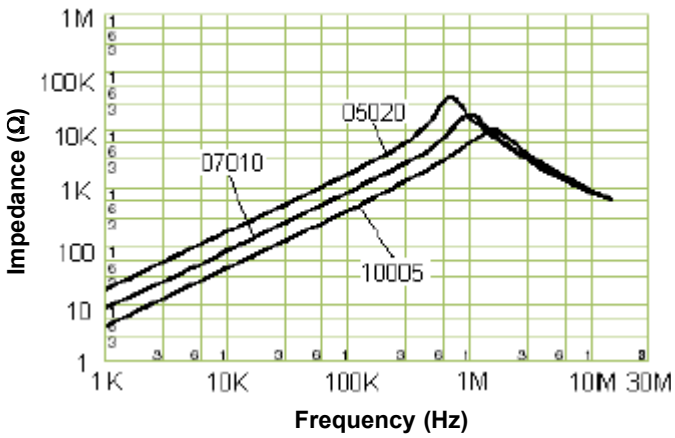
Frequency Characteristic





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:

SU	9	V	01	100
Type	Core size	Core type	Current rating	Inductance

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