

Features

- Shielded construction low radiation
- Separated winding
- High current
- Compact size
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

■ EMI suppression – power line

General Specifications

■ Noise filters – power line

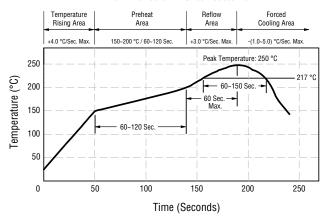
SRF9045A Series - Common Mode Chokes

Electrical Specifications at 25 °C

	Z (Ω) @ 100 MHz		L (μH),	 (a)	
Part Number	Min.	Тур.	N1/N2 Ref. @ 100 kHz / 0.1 V	DCR (mΩ), N1/N2, Max.	Irms (A)
SRF9045A-701Y	500	700	7.5	10	5

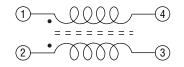
Soldering Profile

Peak Temperature: 250 °C max. Max. Peak Temperature -5 °C: 30 sec. max. Max. Time Above 217 °C: 60~150 sec. max.

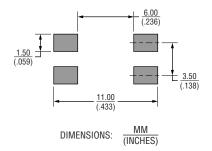


Materials Core......Ferrite Wire......Enameled copper

Electrical Schematic



Recommended Layout



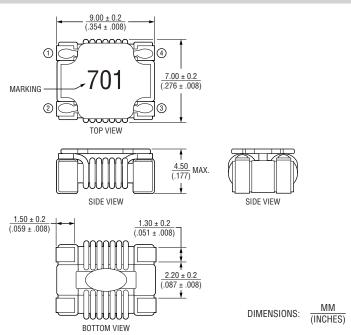
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** Bourns considers a product to be "halogen free" if
(a) the Bromine (Br) content is 900 ppm or less; (b)
the Chlorine (Cl) content is 900 ppm or less; and (c)
the total Bromine (Br) and Chlorine (Cl) content is
1500 ppm or less.

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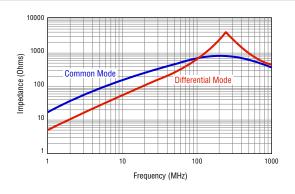
Product Dimensions



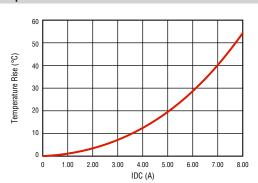
SRF9045A Series - Common Mode Chokes

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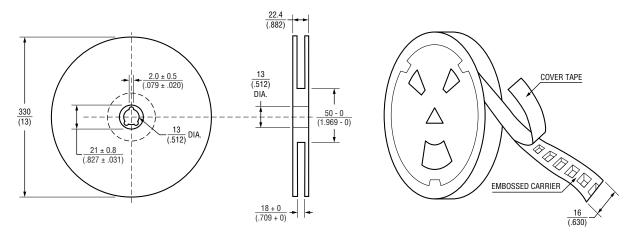
Typical Impedance vs. Frequency Curves

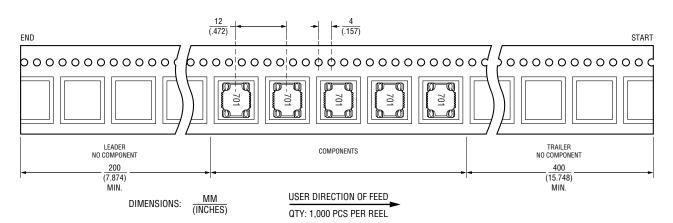


Temperature Rise Plots



Packaging Specifications





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