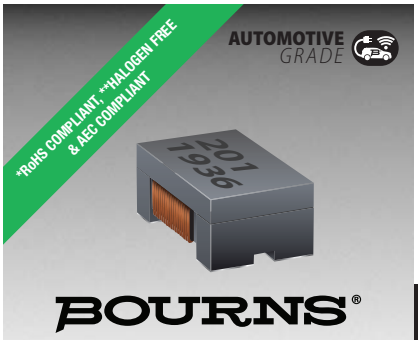


Features

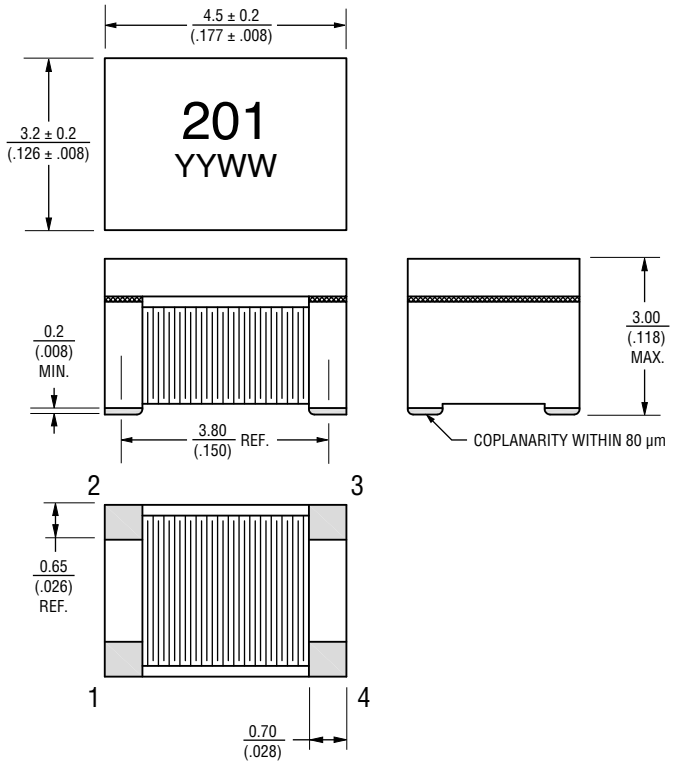
- Shielded construction – low radiation
- Bifilar wound
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

SRF4530AG - Common Mode Chip Inductor

Electrical Specifications @ 25 °C

Bourns Part Number	Inductance @ 100 kHz / 0.1 V		Leakage @ 100 kHz / 0.1 V	DCR	Idc	Common Mode Impedance @ 10 MHz	
	L (µH)	Tolerance (%)	Typ. (µH)	Max. (mΩ)	Typ. (A)	Min. (kΩ)	Typ. (kΩ)
SRF4530AG-201Y	200	+50 / -30	0.45	4.5	0.1	5	11

Product Dimensions



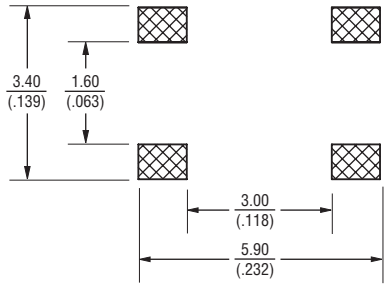
General Specifications

Rated Voltage ..... 50 VDC
Insulation Resistance
..... 10 megohms min. @ 50 VDC
Operating Temperature
.....-55 °C to +150 °C
(Temperature rise included)
Storage Temperature
.....-55 °C to +150 °C
Temperature Rise .....40 °C at rated Irms

Materials

Core.....Ferrite
Wire .....Enameled copper
Terminal Finish .....Au
Packaging..... 500 pcs. per 7-inch reel

Recommended Layout



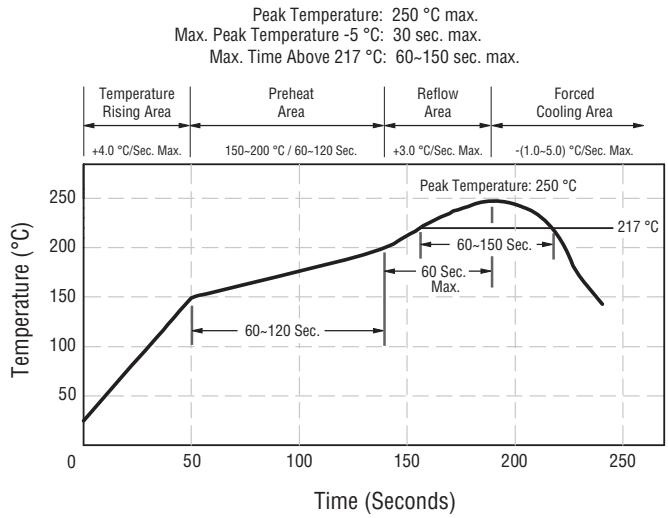
DIMENSIONS: MM / (INCHES)

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

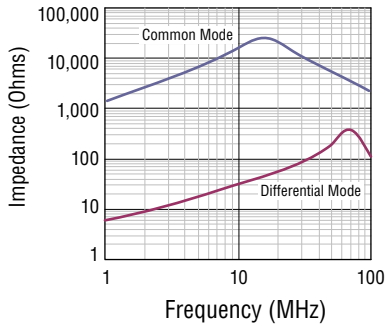
* RoHS Directive 2015/863, Mar 31, 2015 and Annex.
** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

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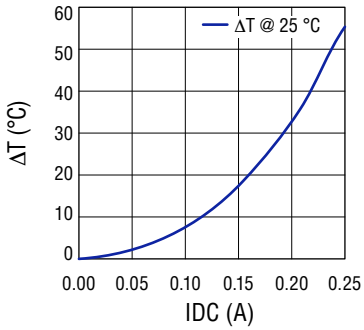
Soldering Profile



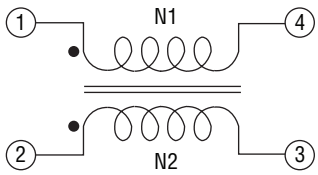
Typical Impedance vs. Frequency



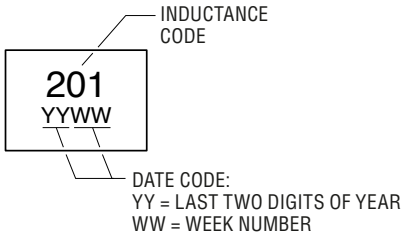
Temperature Rise vs. IDC



Schematic

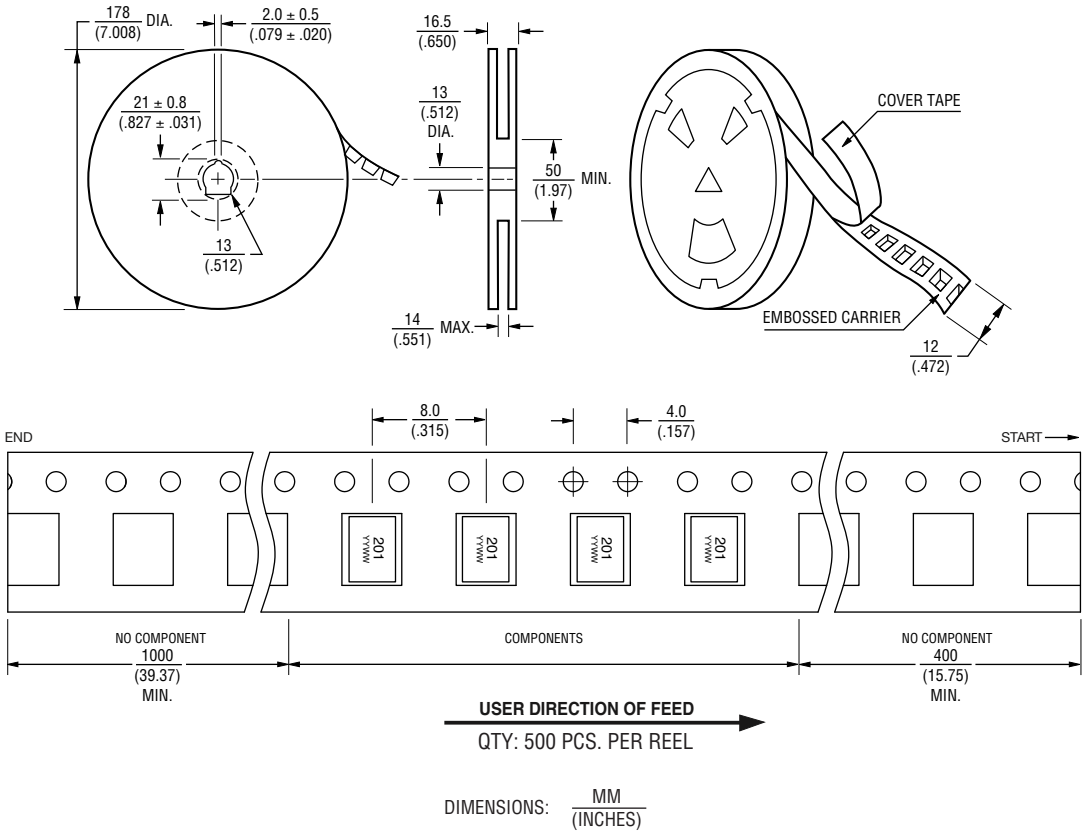


Typical Part Marking



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Packaging Specifications



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The Americas: Tel: +1-951 781-5500 • Email: americus@bourns.com
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