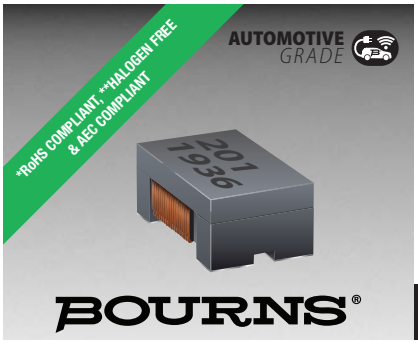


Features

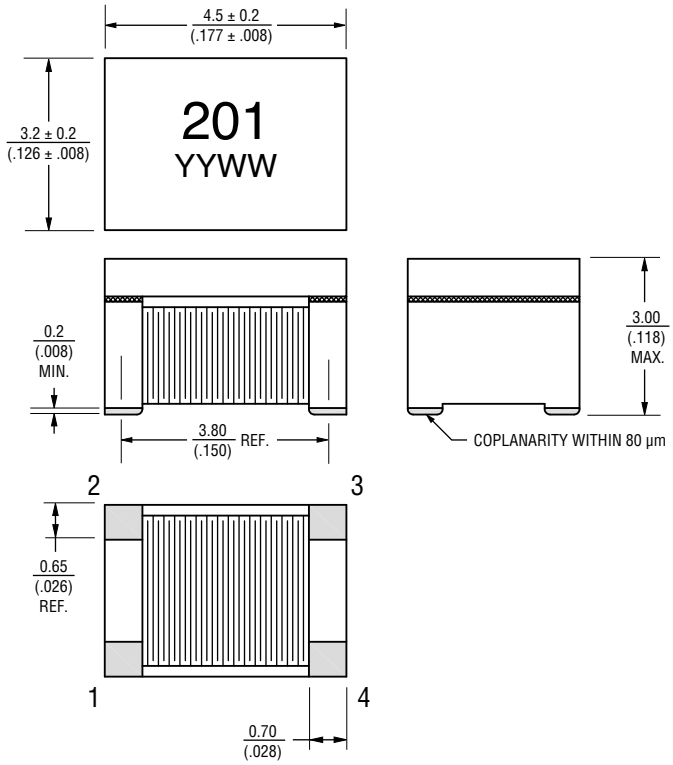
- Shielded construction – low radiation
- Bifilar wound
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

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



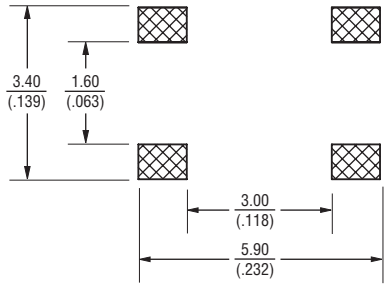
General Specifications

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

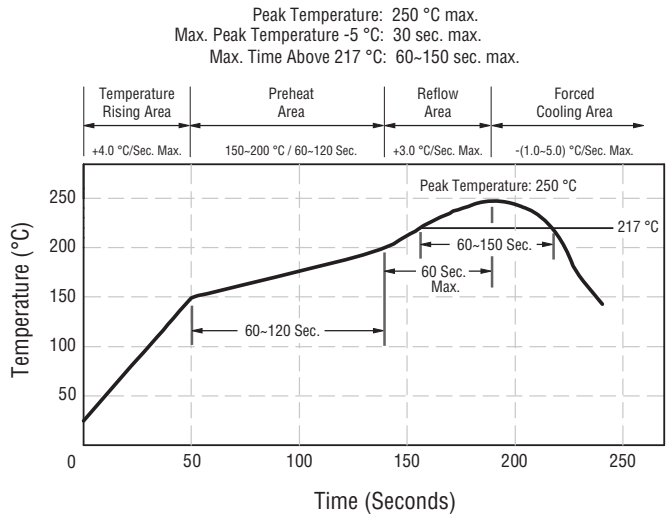


DIMENSIONS: MM / (INCHES)

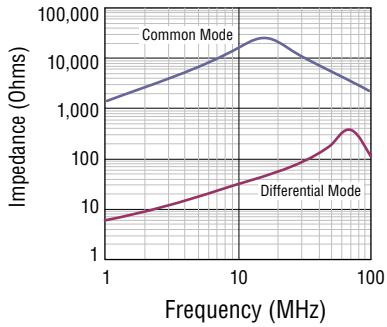
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

* 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.

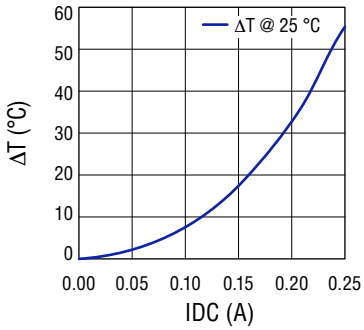
Soldering Profile



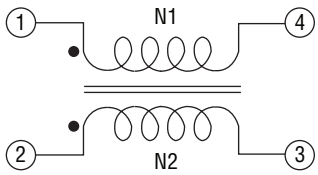
Typical Impedance vs. Frequency



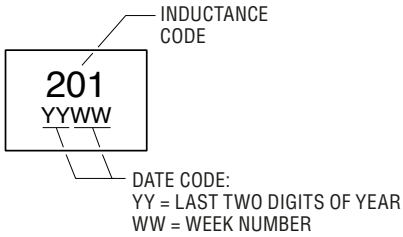
Temperature Rise vs. IDC



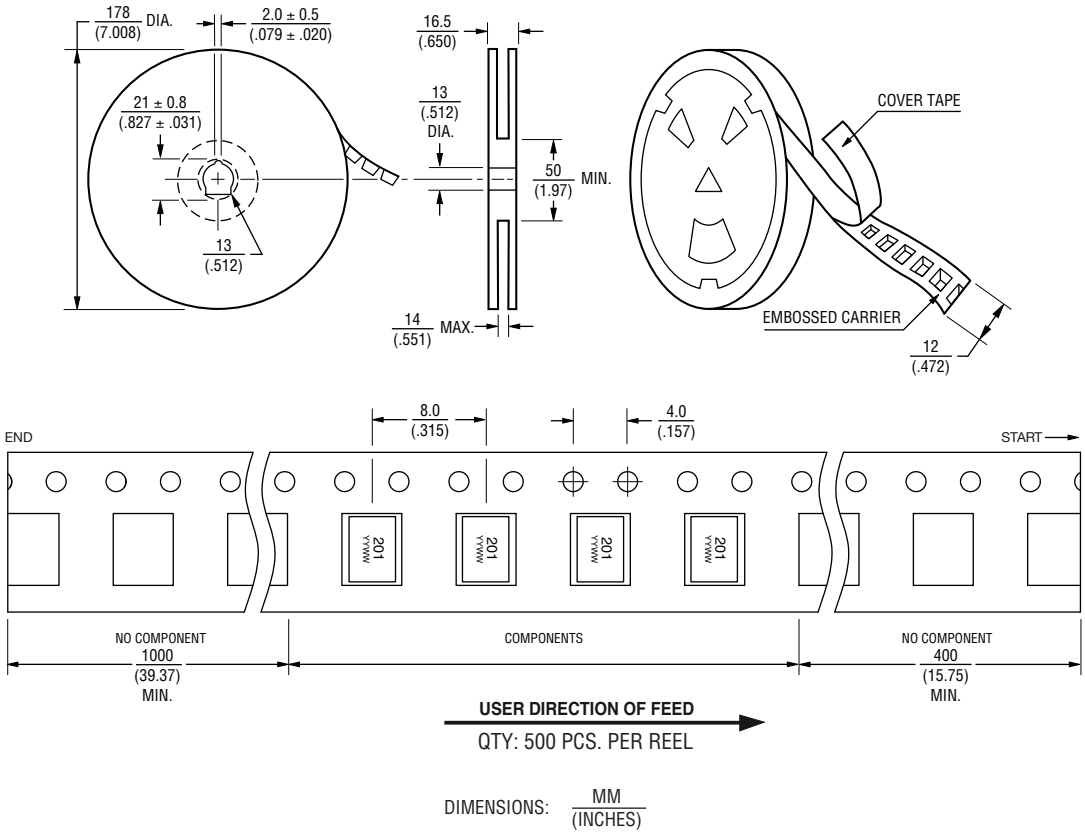
Schematic



Typical Part Marking



Packaging Specifications



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