

Features

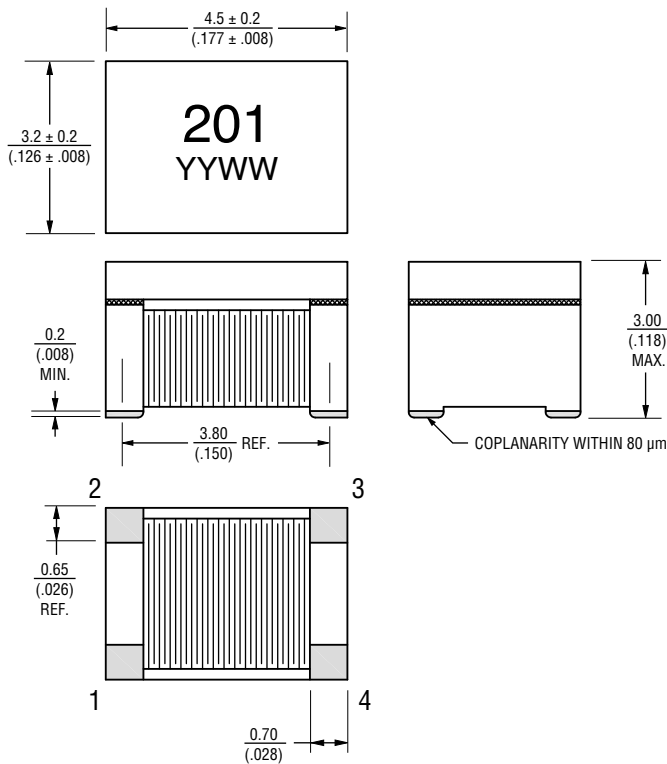
- Shielded construction – low radiation
- Bifilar wound
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

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



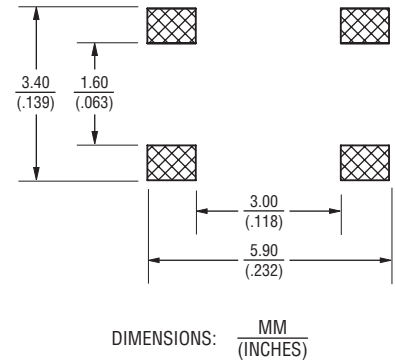
General Specifications

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



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

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

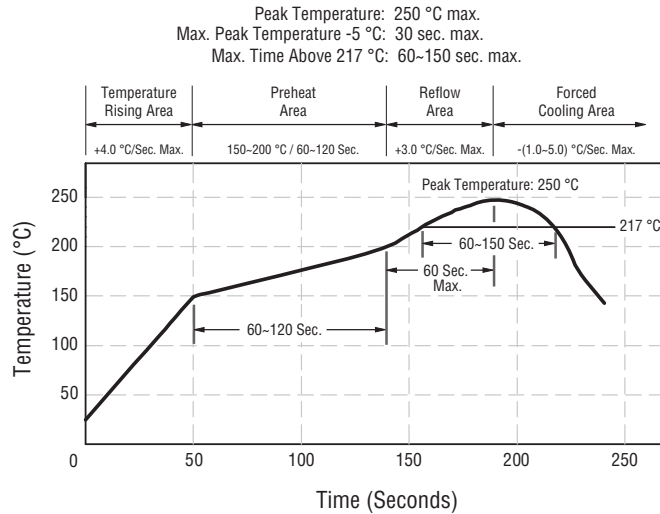
** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

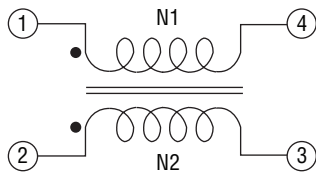
SRF4530AG - Common Mode Chip Inductor



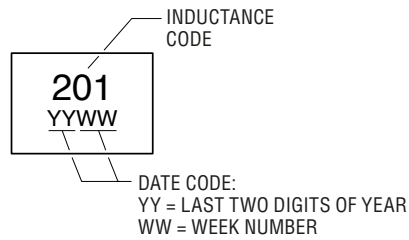
Soldering Profile



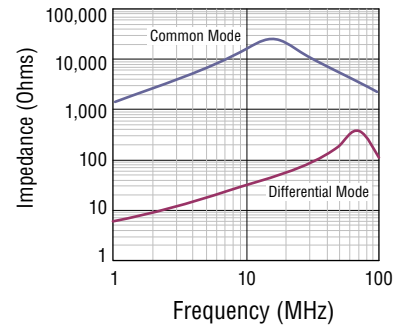
Schematic



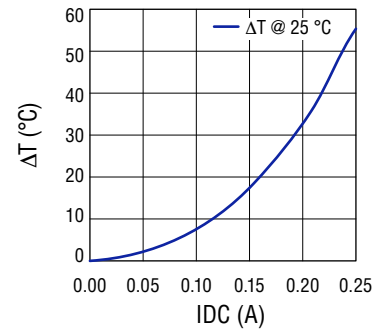
Typical Part Marking



Typical Impedance vs. Frequency



Temperature Rise vs. IDC



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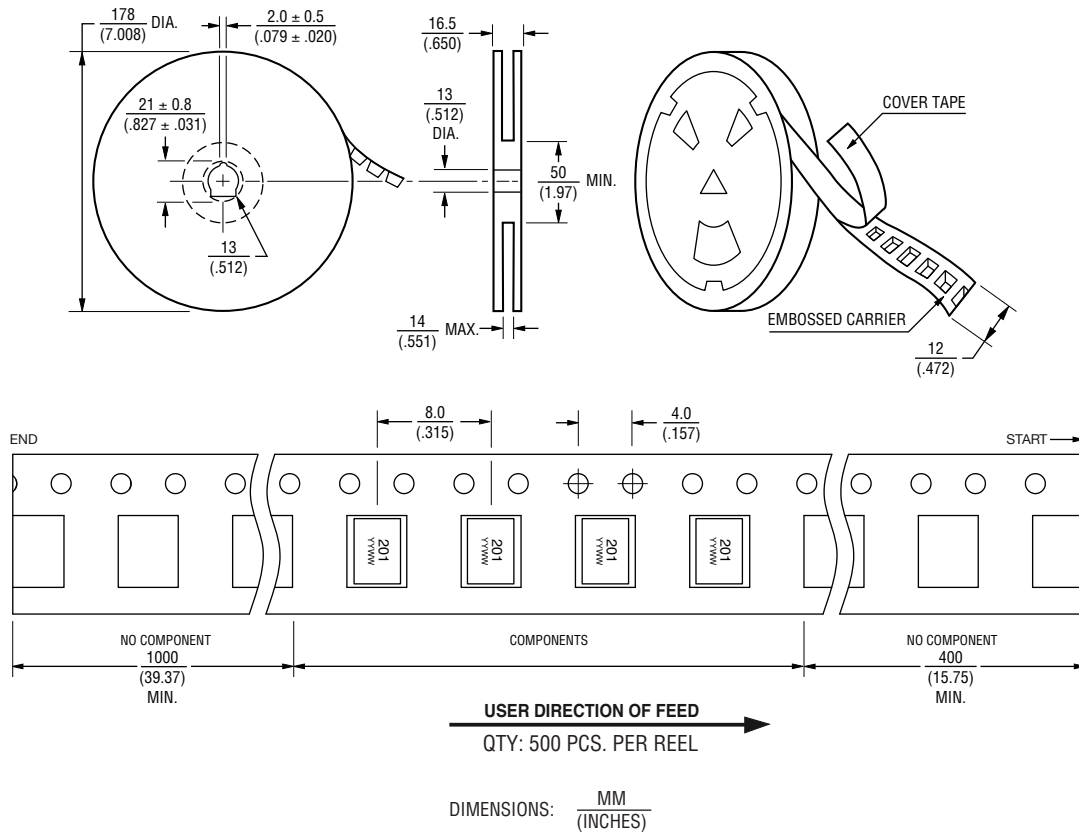
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SRF4530AG - Common Mode Chip Inductor

BOURNS®

Packaging Specifications



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