

### Features

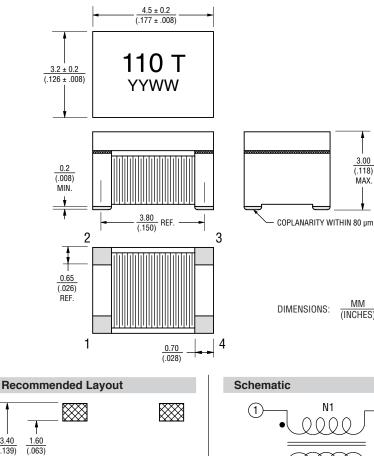
- Shielded construction low radiation
- Bifilar wound
- High temperature
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*

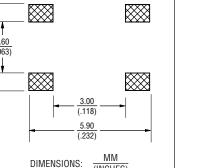
# SRF4530A Series - Common Mode Chip Inductors, CANbus

#### Electrical Specifications @ 25 °C

	Inductance @ 100 kHz / 0.1 V		Leakage L (µH) @ 100 kHz / 0.1 V	Common Mode Impedance @ 10 MHz		DCR	
Bourns Part Number	L (µH)	Tolerance (%)	Тур. (µН)	Min. (kΩ)	Typ. (kΩ)	Max. (Ω)	Irms (A)
SRF4530A-110Y	11.0	+50 / -30	0.10	0.30	0.60	0.50	0.36
SRF4530A-220Y	22.0	+50 / -30	0.15	0.60	1.20	0.60	0.31
SRF4530A-510Y	51.0	+50 / -30	0.25	1.50	3.50	1.00	0.23
SRF4530A-101Y	100.0	+50 / -30	0.30	3.00	7.50	1.50	0.20

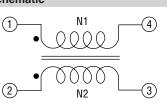
#### **Product Dimensions**





(INCHES)

3.40 (.139)



3.00

(.118)

MAX

MM

(INCHES)

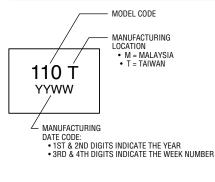
#### **General Specifications**

#### Materials

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



#### **Typical Part Marking**



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 (CI) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (CI) content is 1500 ppm or less.

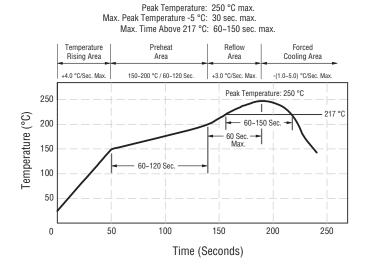
Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

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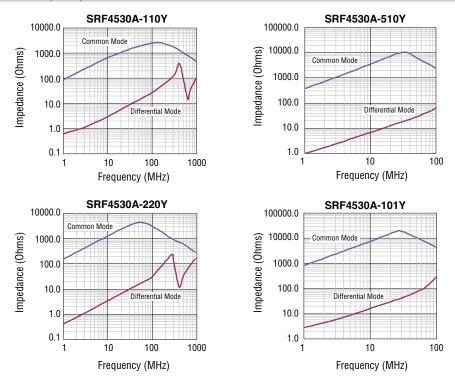
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#### **Soldering Profile**



#### **Typical Impedance vs. Frequency**



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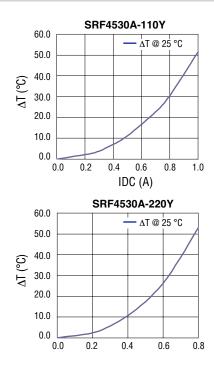
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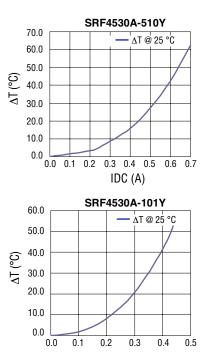
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**Temperature Rise vs. IDC** 





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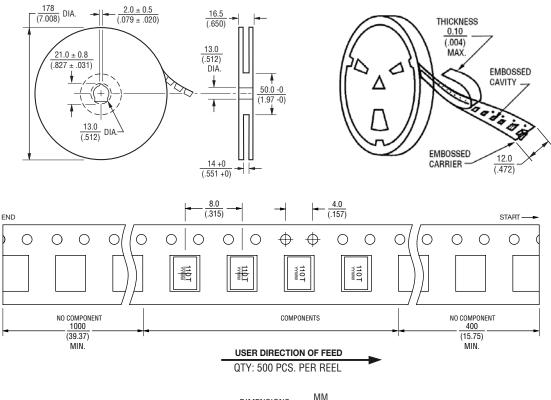
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#### **Packaging Specifications**



DIMENSIONS:  $\frac{10101}{(INCHES)}$ 

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