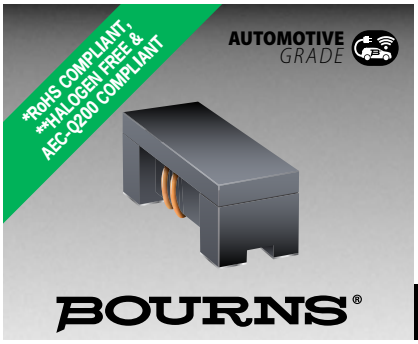


Features

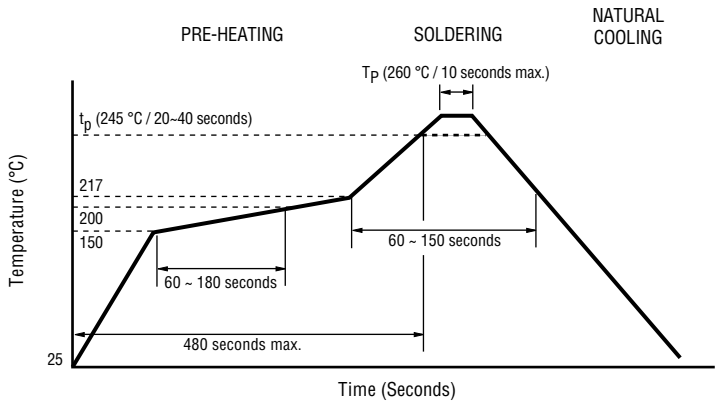
- Shielded construction – low radiation
- Bifilar wound
- Use with Chip LAN transformers SM453229-231N7Y and SM453229-381N7Y
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

SRF2012A Series - Common Mode Chip Inductors

Electrical Specifications at 25 °C

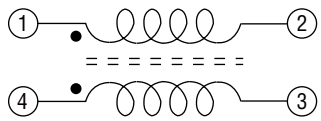
Part Number	Impedance @ 100 MHz / 1 V (Ω)	Impedance @ 100 MHz / 1 V Tolerance (%)	Rated Voltage (VDC) Max.	Withstand Voltage (VDC) Max.	Insulation Resistance (Ω) Min.	DCR Max. (Ω)	Irms (mA)
SRF2012A-801Y	800	± 25	100	250	10 M	0.88	300

Soldering Profile

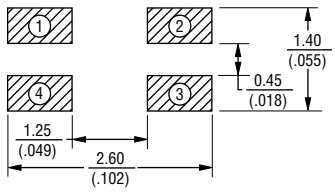


REFLOW TIMES: 3 MAX.

Schematic



Recommended Layout



DIMENSIONS: MM (INCHES)

Additional Information

Click these links for more information:

PRODUCT | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

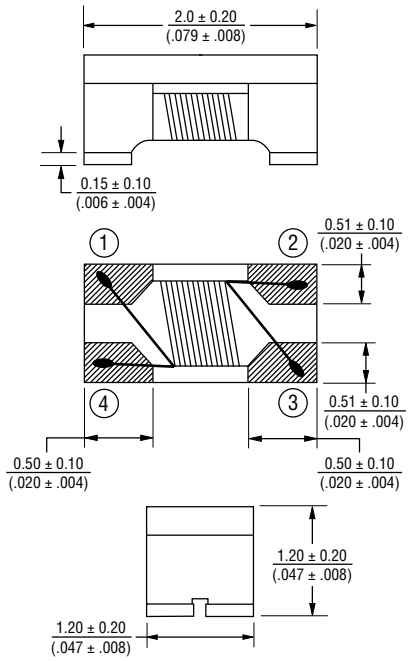
General Specifications

Max. Rated Voltage ..... 100 VDC
Max. Withstanding Voltage ..... 250 VDC
Insulation Resistance
..... 10 MΩ (Min.) @ 100 VDC
Operating Temperature
..... -55 °C to +125 °C
(Temperature rise included)
Storage Temperature
..... -55 °C to +125 °C
Temperature Rise .....20 °C at rated Irms

Materials

Core..... Ferrite
Wire .....Enameled copper
Terminal Finish ..... Sn
Packaging..... 2000 pcs. per 7-inch reel

Product Dimensions



DIMENSIONS: MM (INCHES)

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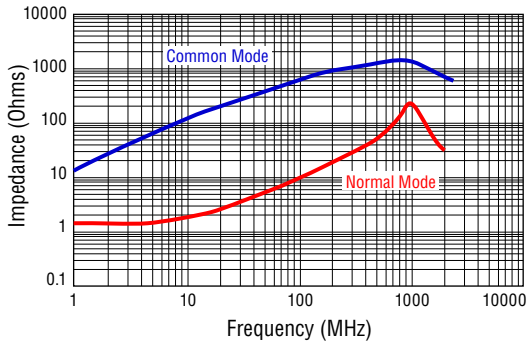
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

* 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.

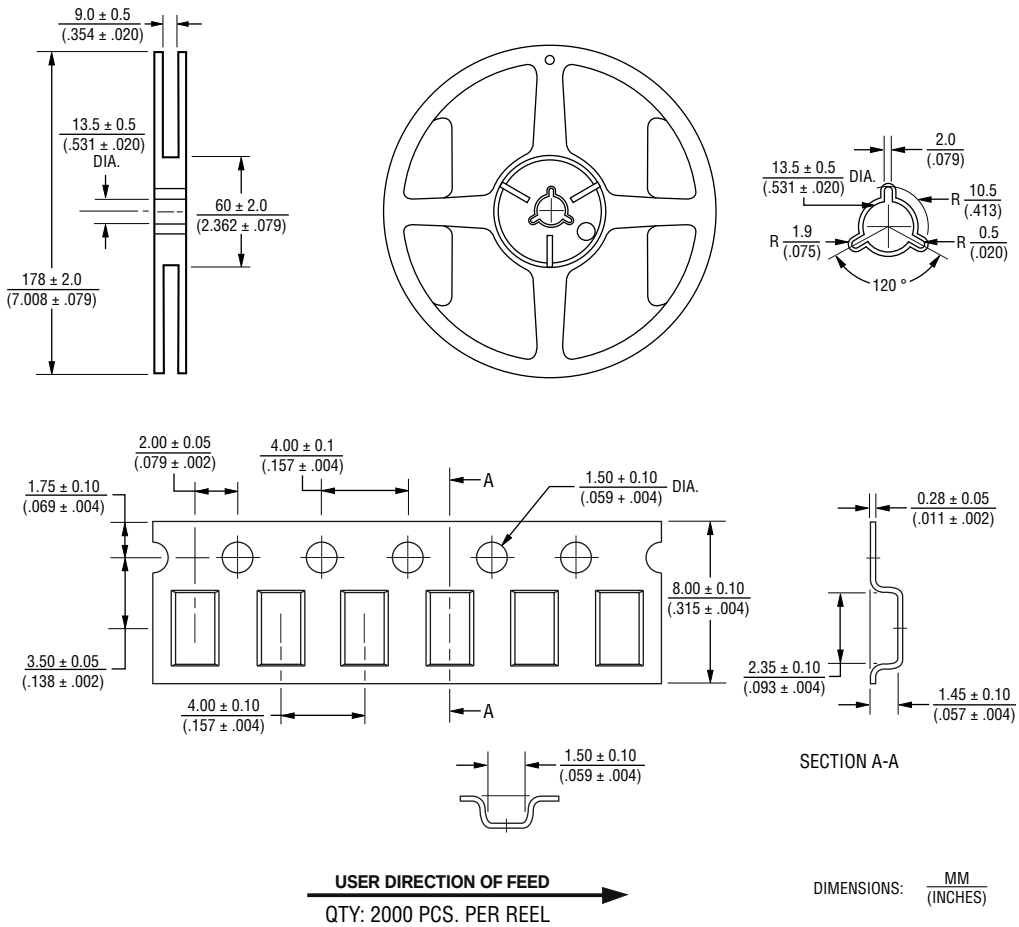
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Typical Impedance vs. Frequency Curves



Packaging Specifications



REV. 06/24

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