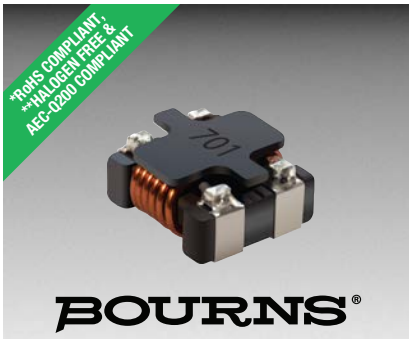




Features

- Shielded construction – low radiation
- Separated winding
- High current
- Compact size
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

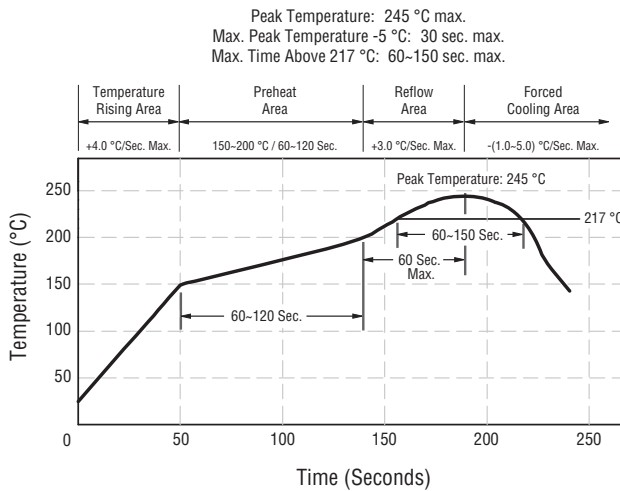
- EMI suppression – power line
- Noise filters – power line

SRF1206A Series - Common Mode Chokes

Electrical Specifications at 25 °C

Part Number	Z (Ω) @ 100 MHz		L (μH), N1/N2 Ref. @ 100 kHz / 0.1 V	DCR (mΩ), N1/N2, Max.	I _{rms} (A)
	Min.	Typ.			
SRF1206A-701Y	500	700	9	6	8
SRF1206A-102Y	750	1000	12.5	14	6

Soldering Profile



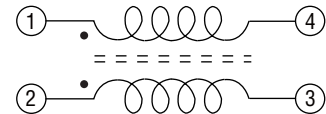
General Specifications

Rated Voltage..... 80 VDC
Hi-Pot..... 500 VAC, 3 mA, 1 Sec.
Insulation Resistance
..... 10 MΩ (Min.) @ 100 VDC
Operating Temperature
..... -40 °C to +125 °C
(Temperature rise included)
Storage Temperature
..... -40 °C to +125 °C
Temperature Rise 40 °C at rated I_{rms}
MSL 1
ESD Classification (HBM)..... N/A

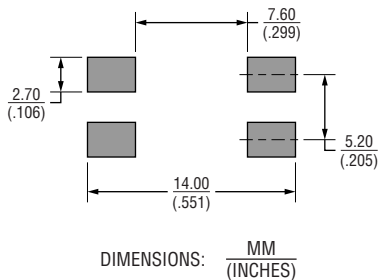
Materials

Core..... Ferrite
Wire Enameled copper
Terminal Finish Sn
Packaging 500 pcs. per 13-inch reel

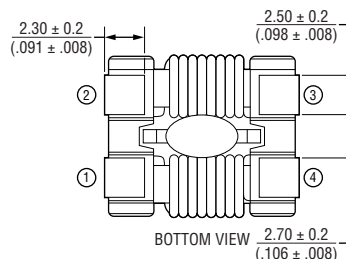
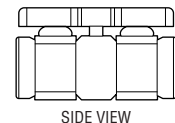
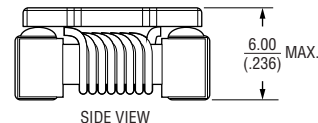
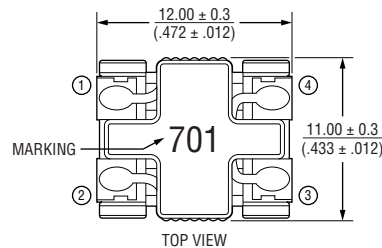
Electrical Schematic



Recommended Layout



Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$



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.

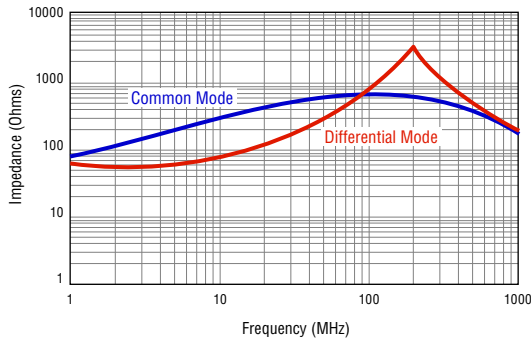
Specifications are subject to change without notice.
Users should verify actual device performance in their
specific applications. The products described herein and
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www.bourns.com/docs/legal/disclaimer.pdf.

SRF1206A Series - Common Mode Chokes

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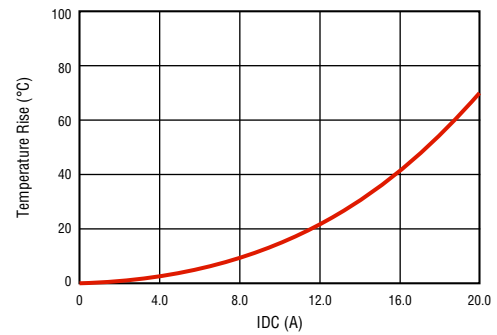
Typical Impedance vs. Frequency Curves

SRF1206A-701Y

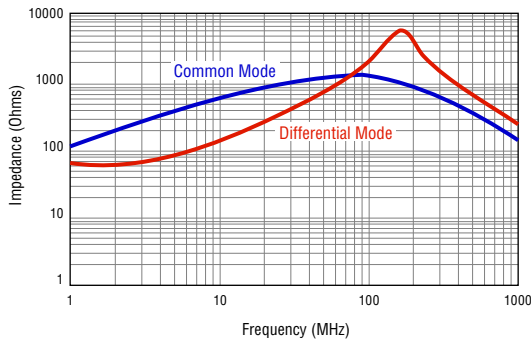


Temperature Rise Plots

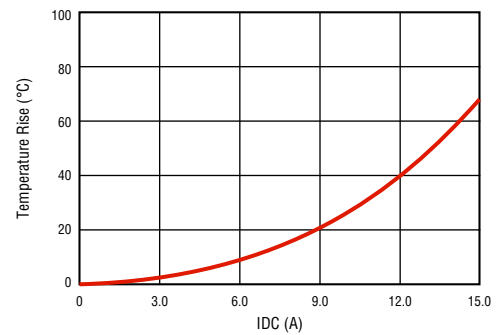
SRF1206A-701Y



SRF1206A-102Y



SRF1206A-102Y



Specifications are subject to change without notice.

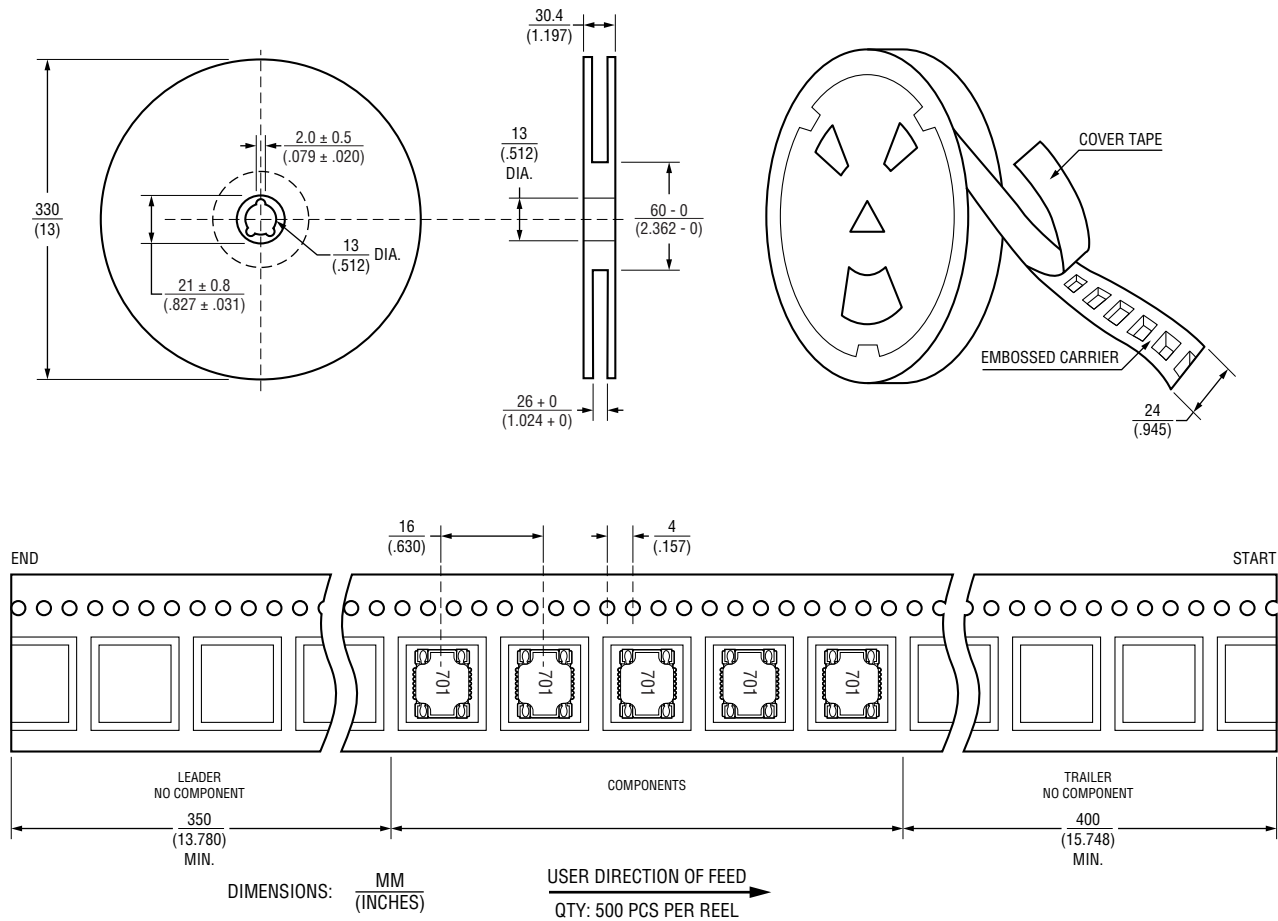
Users should verify actual device performance in their specific applications.

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Packaging Specifications



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