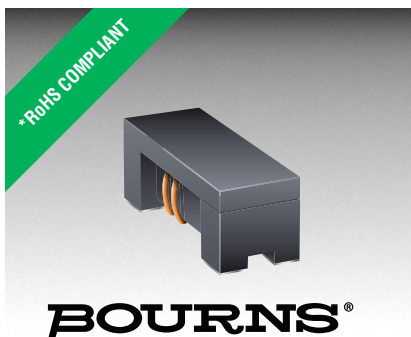




Features

- High impedance value
- Current rating up to 400 mA
- RoHS compliant* and halogen free**

Applications

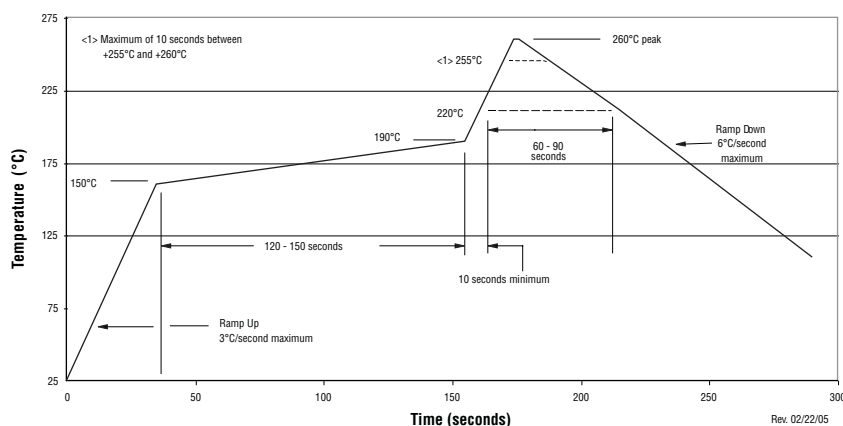
- Noise suppression
- Personal computers
- Display panels

SRF2012A Series - Common Mode Chip Inductors

Electrical Specifications

Part Number	Impedance @ 100 MHz		Rated Voltage (VDC)	Withstanding Voltage (DC)	Insulation Resistance (M Ω) Min.	DCR Max. (Ω)	IDC Max. (mA)
	(Ω)	Tolerance (%)					
SRF2012-670YA	67	± 25	50	125	10	0.25	400
SRF2012-900YA	90	± 25	50	125	10	0.3	400
SRF2012-121YA	120	± 25	50	125	10	0.3	400
SRF2012-161YA	160	± 25	50	125	10	0.35	350
SRF2012-181YA	180	± 25	50	125	10	0.35	350
SRF2012-201YA	200	± 25	50	125	10	0.4	300
SRF2012-221YA	220	± 25	50	125	10	0.4	300
SRF2012-261YA	260	± 25	50	125	10	0.4	300
SRF2012-361YA	360	± 25	50	125	10	0.45	300

Soldering Profile

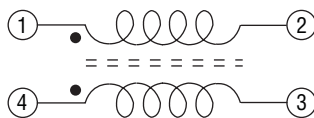


How to Order

SRF2012 - 201 Y A

Model _____
Value Code (see table) _____
Tolerance Code _____
Model Suffix _____

Schematic



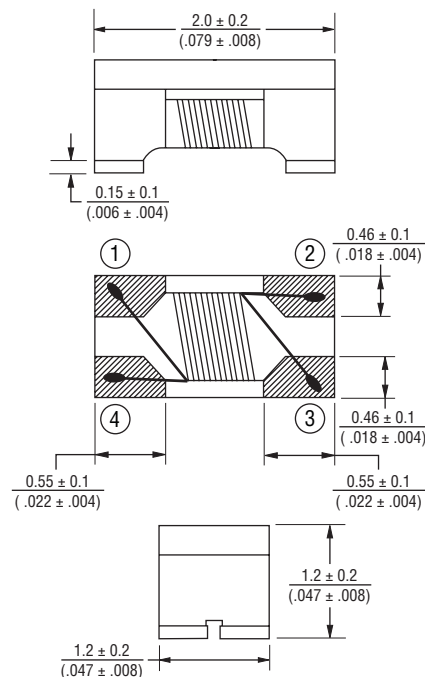
General Specifications

Reflow soldering..... 230 °C; 50 sec max.
Operating Temperature
..... -40 °C to +125 °C
(Temperature rise included)
Storage Temperature
..... -40 °C to +125 °C
Resistance to Soldering Heat
..... 260 °C, 10 sec. max.
Temperature Rise 30 °C max. at IDC

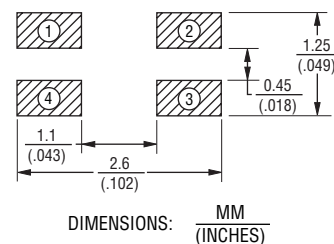
Materials

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

Product Dimensions



Recommended Layout



BOURNS®

Asia-Pacific: Tel: +886-2 2562-4117 • Fax: +886-2 2562-4116

Europe: Tel: +41-41 768 5555 • Fax: +41-41 768 5510

The Americas: Tel: +1-951 781-5500 • Fax: +1-951 781-5700

www.bourns.com

* RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.

** Bourns follows the prevailing definition of "halogen free" in the industry. 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.

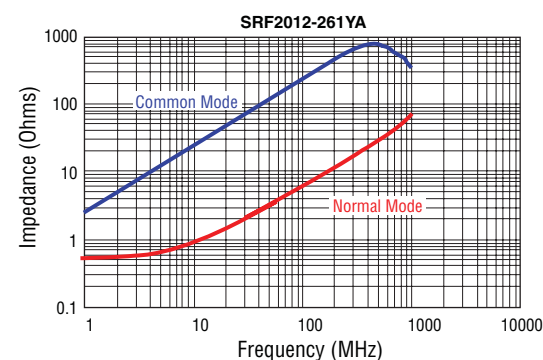
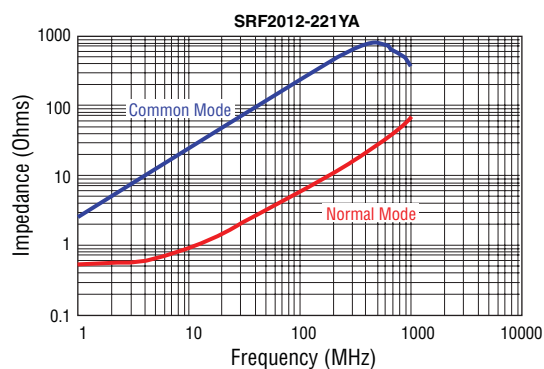
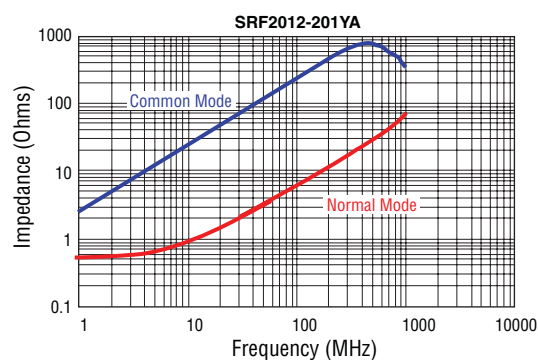
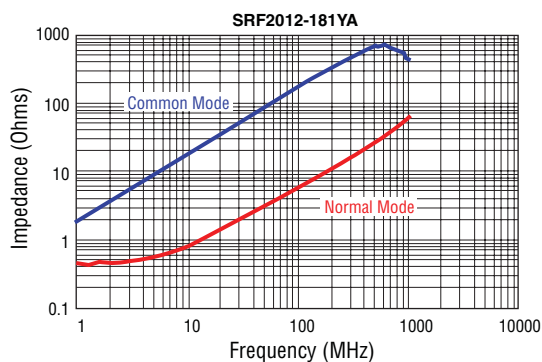
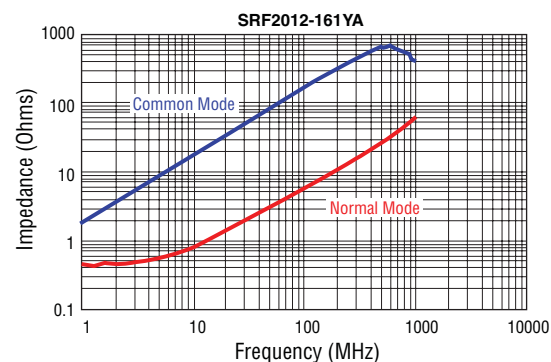
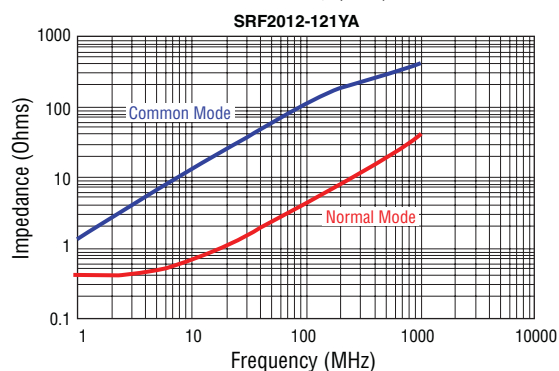
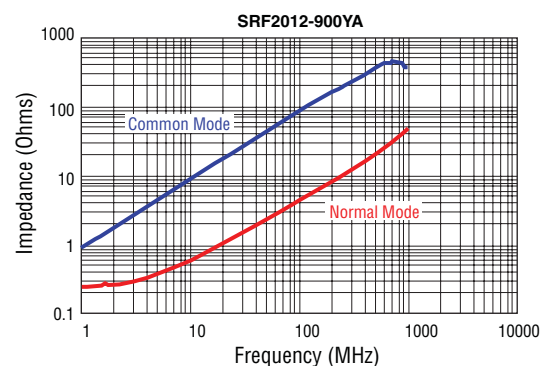
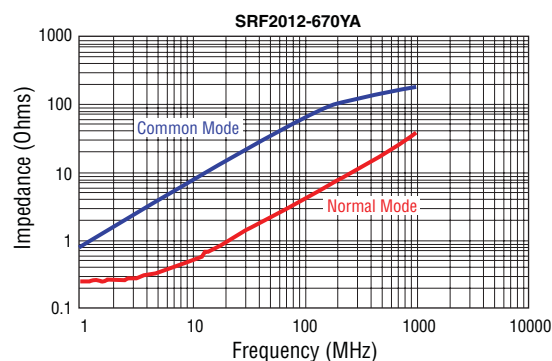
Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

SRF2012A Series - Common Mode Chip Inductors

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Typical Impedance vs. Frequency Curves



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

BOURNS®

SRF2012-361YA

Impedance (Ohms)

Common Mode

Normal Mode

Frequency (MHz)

[illegible]

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

USER DIRECTION OF FEED
QTY: 2000 PCS. PER REEL

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