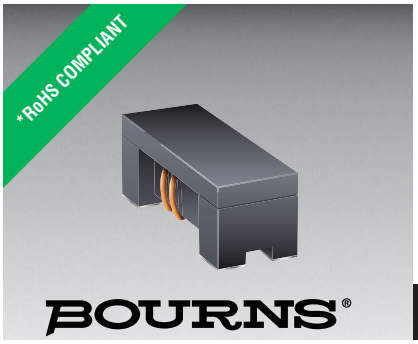
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Features

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

Applications

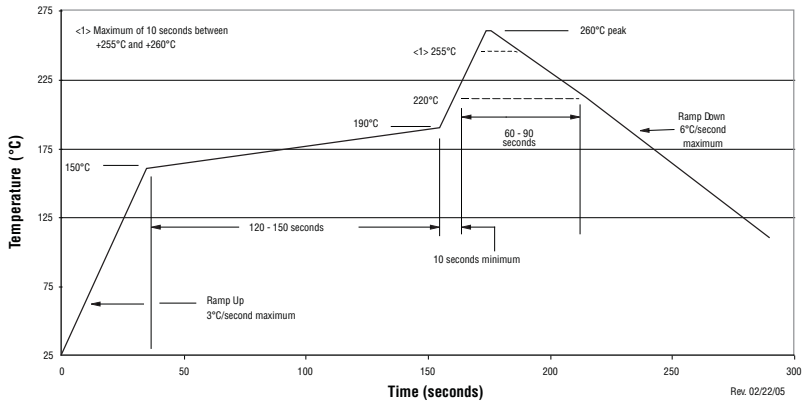
- Noise suppression
- Personal computers
- Display panels

SRF2012A Series - Common Mode Chip Inductors

Electrical Specifications

Part Number	Impedance @ 100 MHz (Ω)	Impedance @ 100 MHz Tolerance (%)	Rated Voltage (VDC)	Withstanding Voltage (DC)	Insulation Resistance (MΩ) Min.	DCR Max. (Ω)	IDC Max. (mA)
SRF2012-300YA	30	±25	50	125	10	0.20	400
SRF2012-670YA	67	±25	50	125	10	0.25	400
SRF2012-900YA	90	±25	50	125	10	0.30	400
SRF2012-121YA	120	±25	50	125	10	0.30	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	0.40	300
SRF2012-221YA	220	±25	50	125	10	0.40	300
SRF2012-261YA	260	±25	50	125	10	0.40	300
SRF2012-301YA	300	±25	50	125	10	0.50	300
SRF2012-361YA	360	±25	50	125	10	0.50	300
SRF2012-371YA	370	±25	50	125	10	0.50	300
SRF2012-501YA	500	±25	50	125	10	0.50	300
SRF2012-671YA	670	±25	50	125	10	0.60	140
SRF2012-901YA	900	±25	50	125	10	0.88	100

Soldering Profile

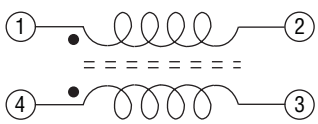


How to Order

SRF2012 - 201 Y A

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

Schematic



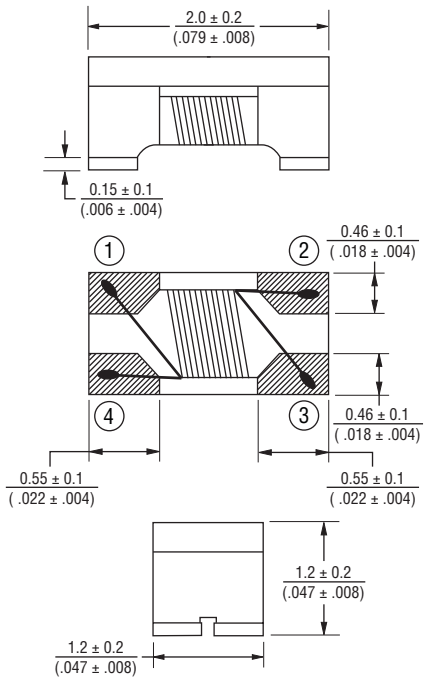
General Specifications

Reflow soldering .... 230 °C; 50 sec max.
Operating Temperature
.....-55 °C to +125 °C
(Temperature rise included)
Storage Temperature
.....-55 °C to +125 °C
Resistance to Soldering Heat
..... 260 °C, 10 sec. max.
Temperature Rise .....30 °C max. at IDC

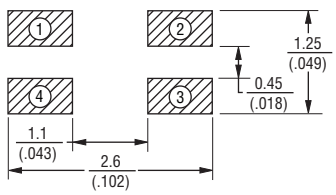
Materials

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

Product Dimensions



Recommended Layout

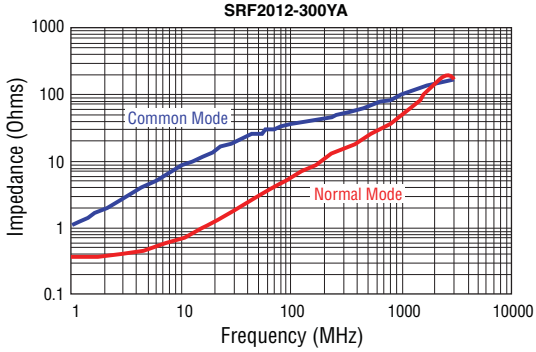


DIMENSIONS: MM / (INCHES)

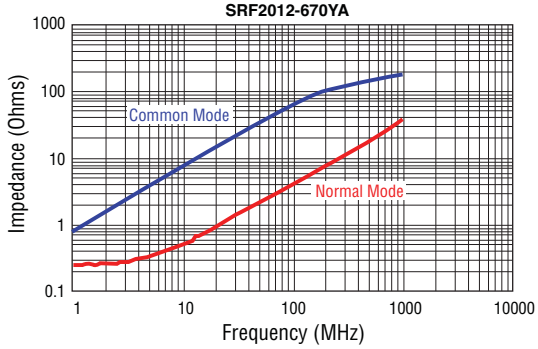
* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

Typical Impedance vs. Frequency Curves

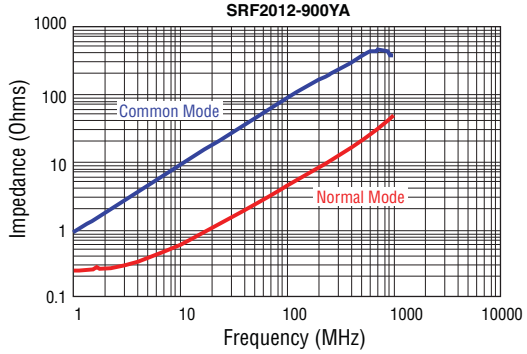
SRF2012-300YA



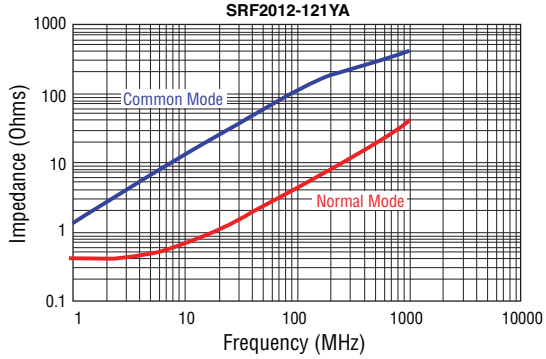
SRF2012-670YA



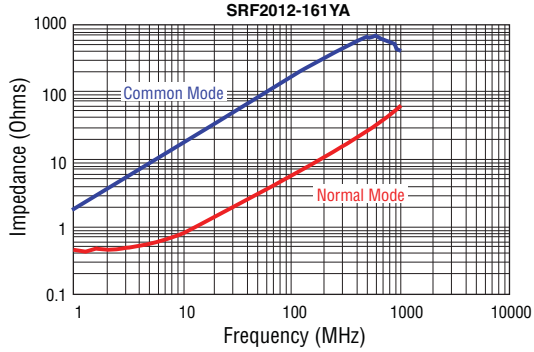
SRF2012-900YA



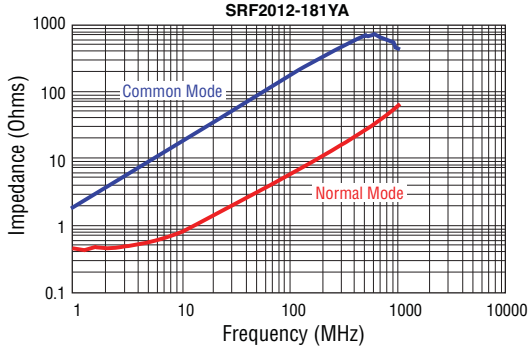
SRF2012-121YA



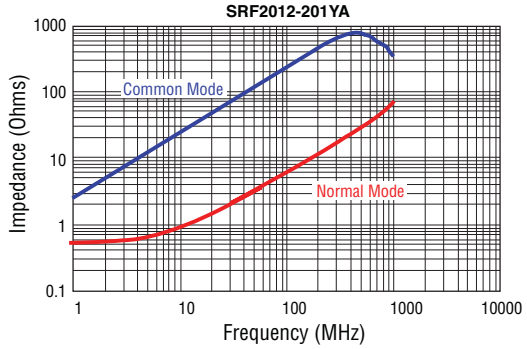
SRF2012-161YA



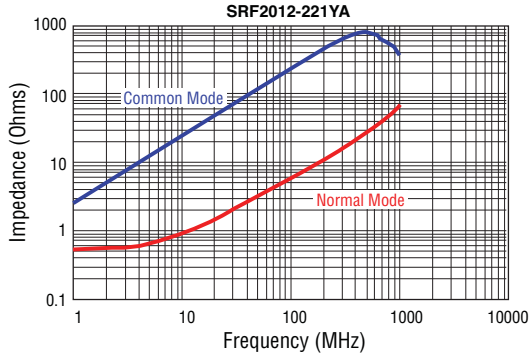
SRF2012-181YA



SRF2012-201YA

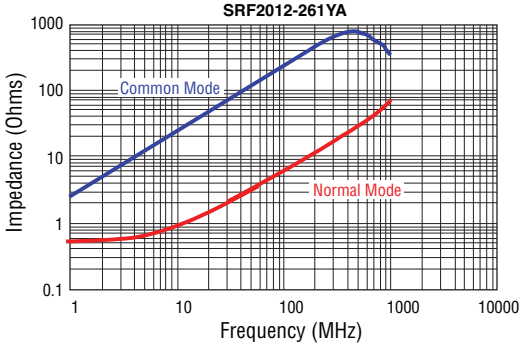


SRF2012-221YA

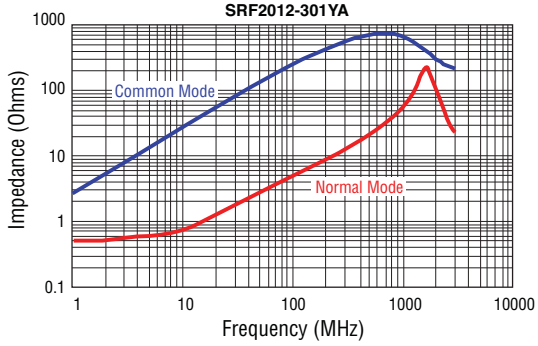


Typical Impedance vs. Frequency Curves (Continued)

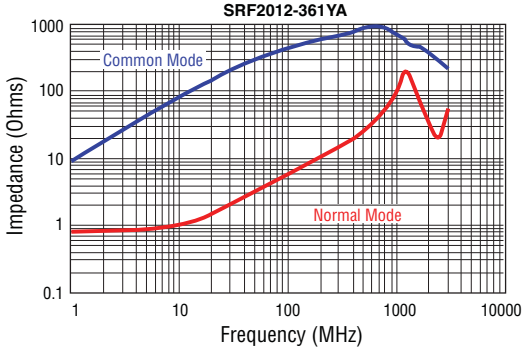
SRF2012-261YA



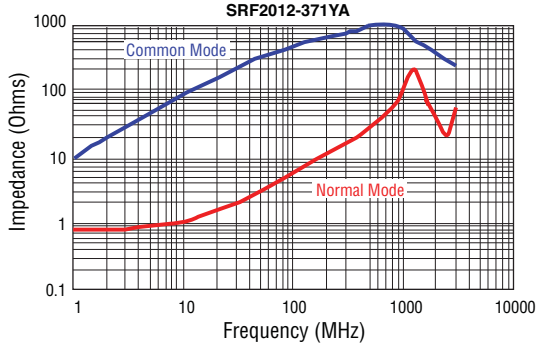
SRF2012-301YA



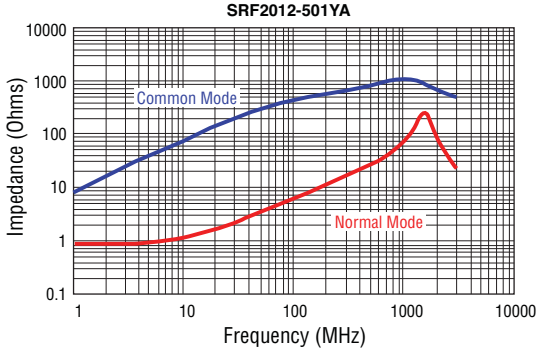
SRF2012-361YA



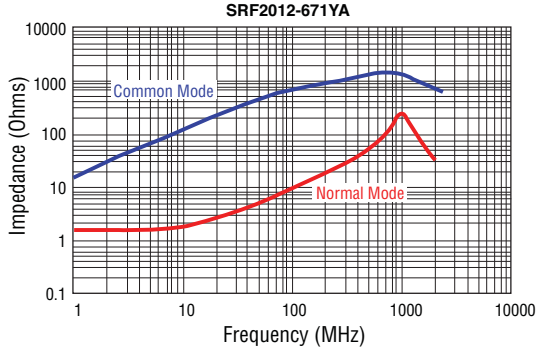
SRF2012-371YA



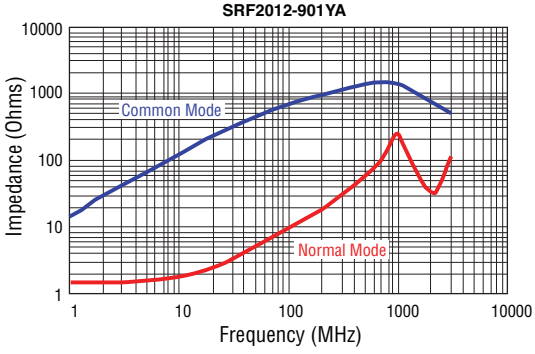
SRF2012-501YA



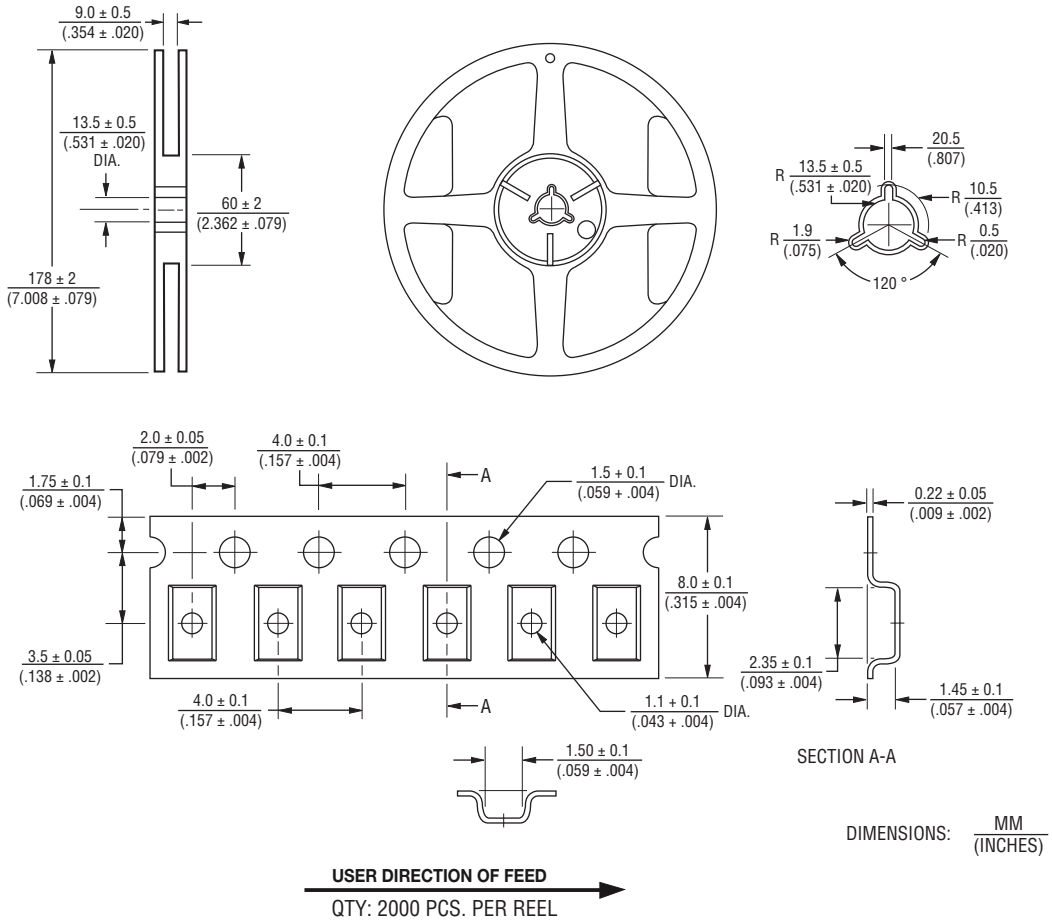
SRF2012-671YA



SRF2012-901YA



Packaging Specifications



REV. 09/16