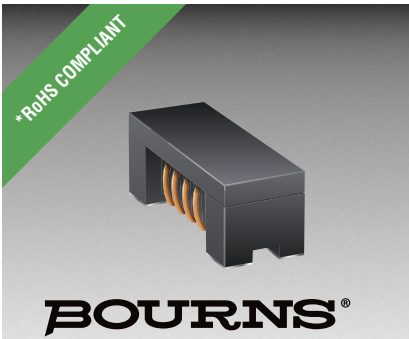




**THE DATASHEET OF  
SRF3216-222Y**





## Features

- High impedance value
- Current rating up to 400 mA
- RoHS compliant\*

## Applications

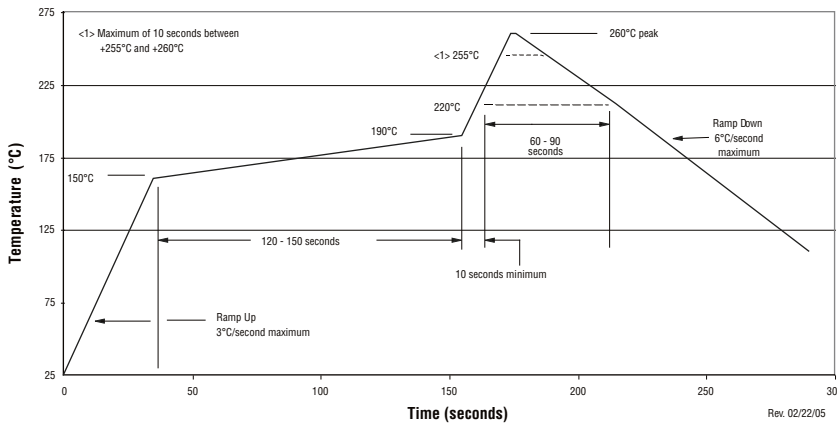
- Noise suppression
- Personal computers
- Display panels

# SRF3216 Series - Common Mode Chip Inductors

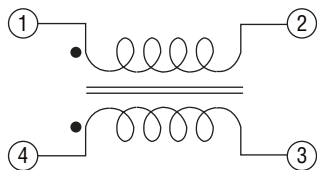
### Electrical Specifications

Bourns Part No.	Impedance @ 100 MHz		Rated Voltage (DC)	Withstanding Voltage (DC)	Insulation Resistance (MΩ)	DCR Max. (Ω)	IDC Max. (mA)
	(Ω)	Tolerance (%)					
SRF3216-900Y	90	±25	50	125	10	0.30	400
SRF3216-161Y	160	±25	50	125	10	0.35	350
SRF3216-221Y	220	±25	50	125	10	0.45	300
SRF3216-261Y	260	±25	50	125	10	0.45	300
SRF3216-601Y	600	±25	50	125	10	0.80	300
SRF3216-102Y	1000	±25	50	125	10	1.00	230
SRF3216-222Y	2200	±25	50	125	10	1.20	200

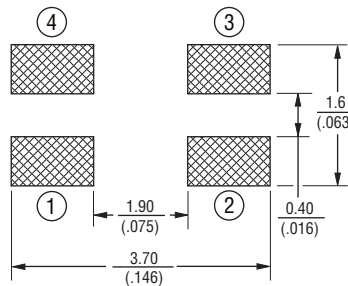
### Soldering Profile



### Schematic



### Recommended Layout



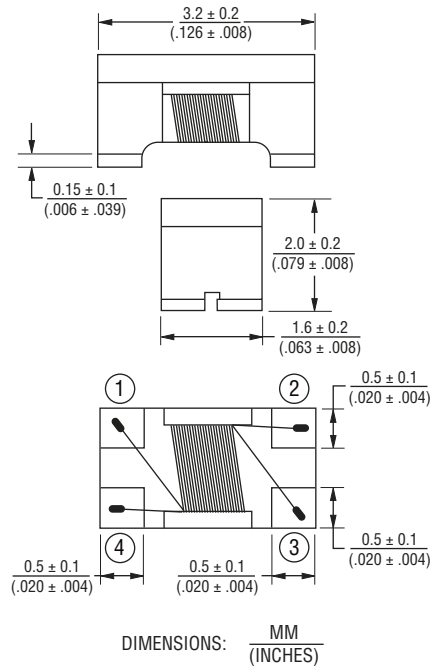
### General Specifications

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.  
 Moisture Sensitivity Level..... 1  
 ESD Classification (HBM).....N/A

### Materials

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

### Product Dimensions



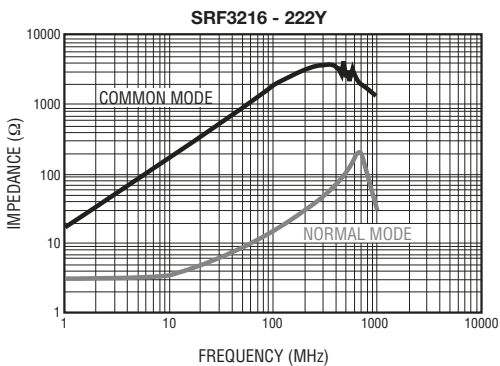
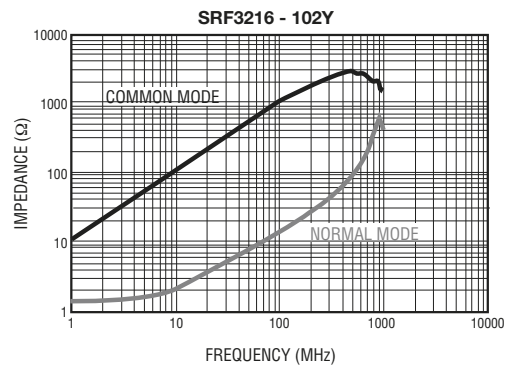
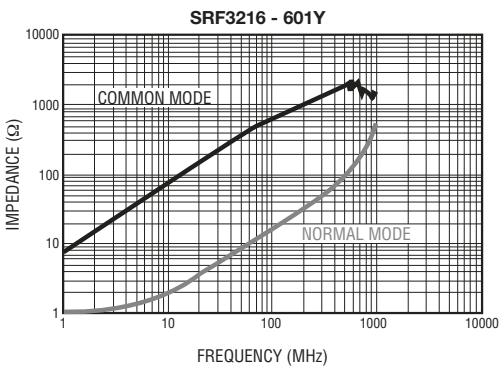
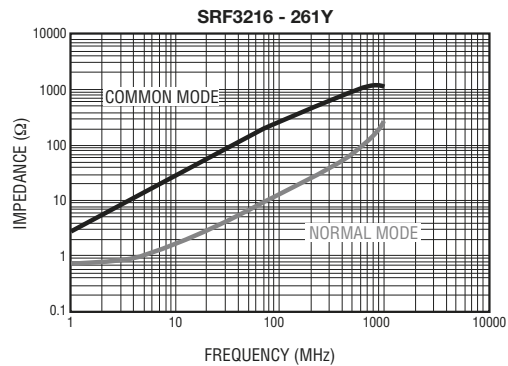
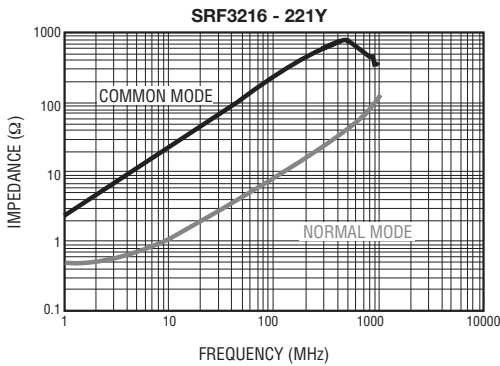
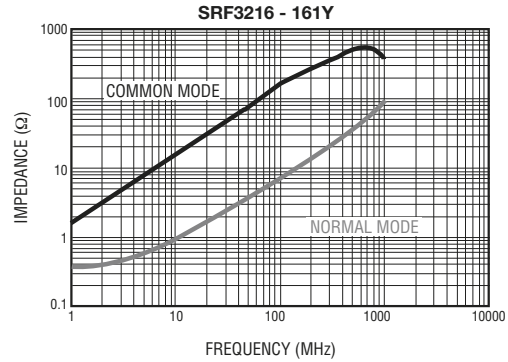
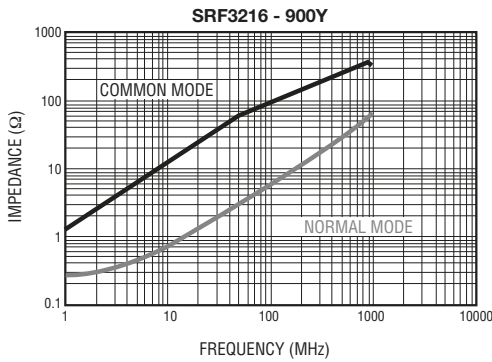
**WARNING Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

\*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.  
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# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Impedance vs. Frequency

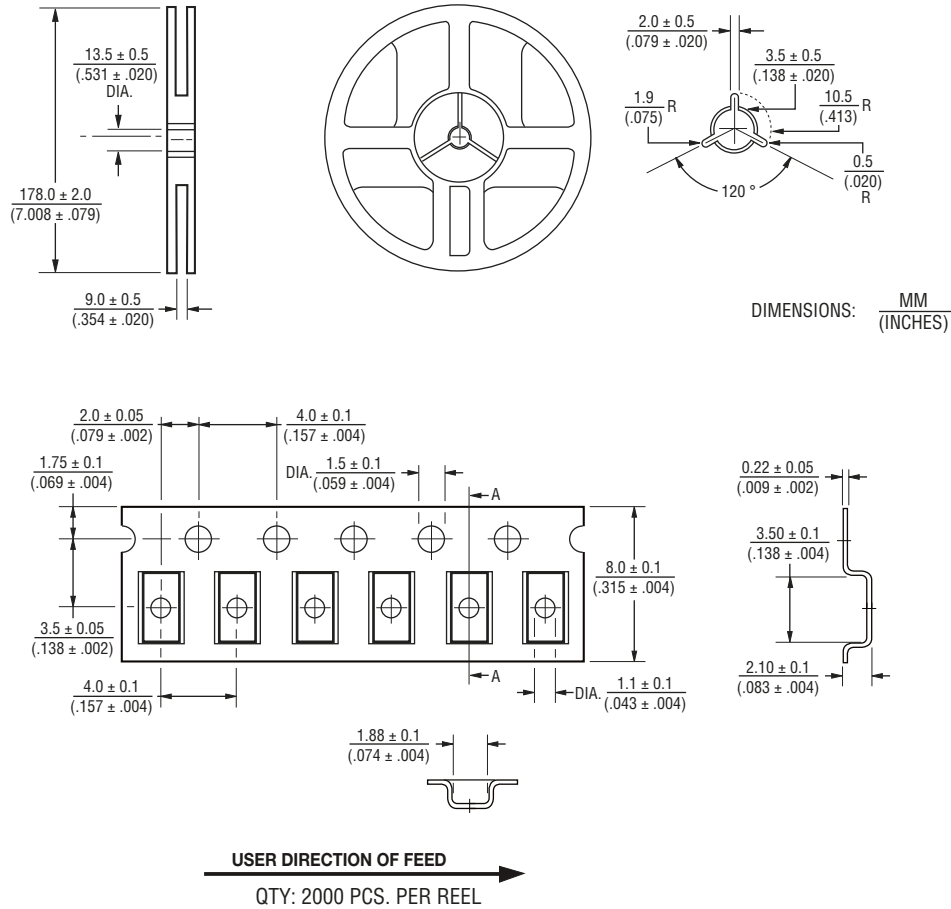


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# SRF3216 Series - Common Mode Chip Inductors

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## Packaging Specifications



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Asia-Pacific: Tel: +886-2 2562-4117 • Email: asiacus@bourns.com

EMEA: Tel: +36 88 520 390 • Email: eurocus@bourns.com

The Americas: Tel: +1-951 781-5500 • Email: americus@bourns.com

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