

### Features

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

### Applications

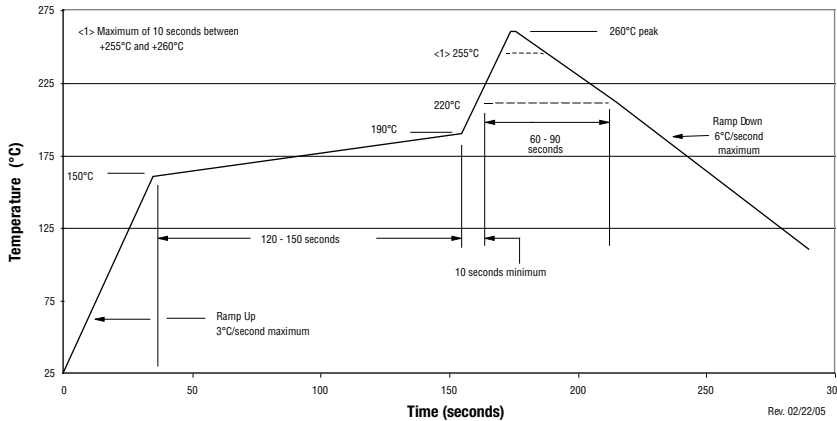
- Noise suppression
- Personal computers
- Display panels

## SRF3216 Series - Common Mode Chip Inductors

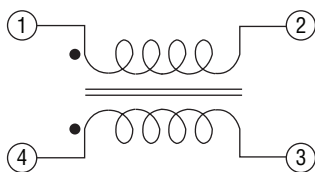
### Electrical Specifications

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

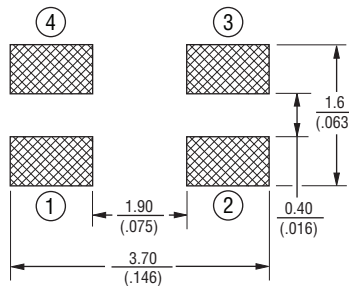
### Soldering Profile



### Schematic



### Recommended Layout



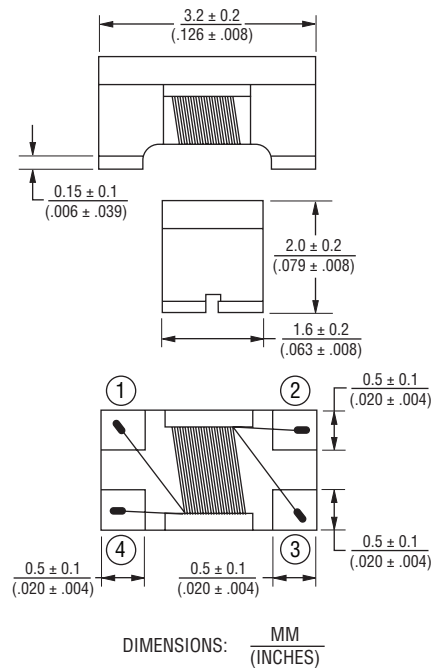
### General Specifications

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 2015/863, Mar 31, 2015 and Annex.  
 Specifications are subject to change without notice.

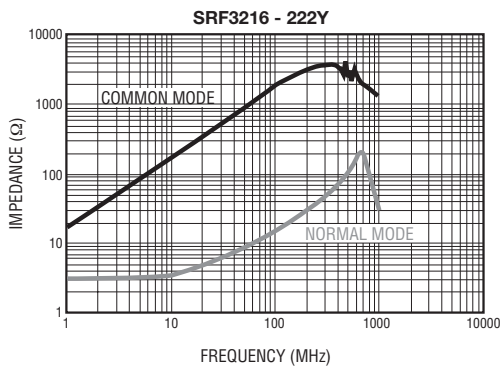
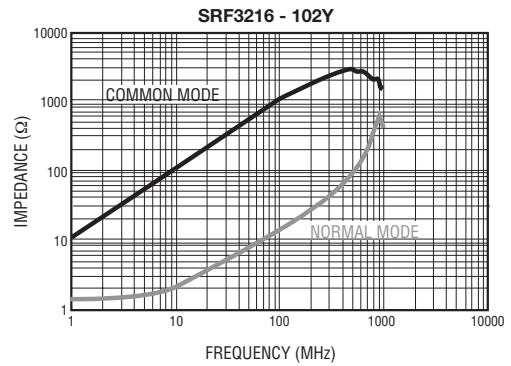
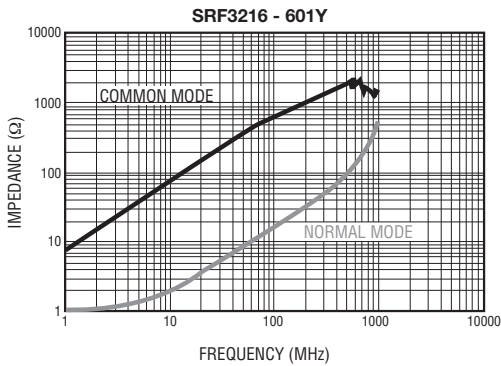
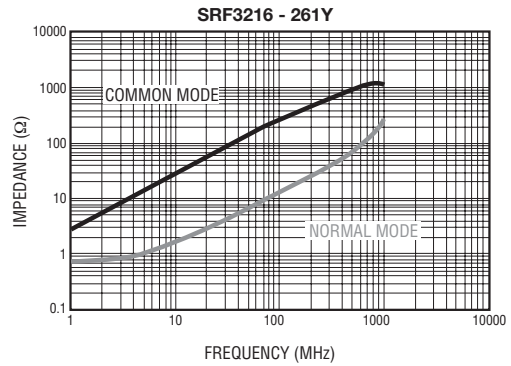
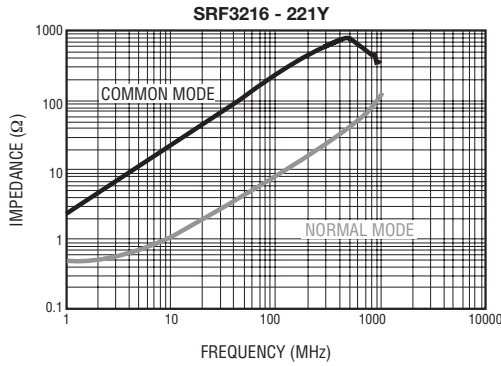
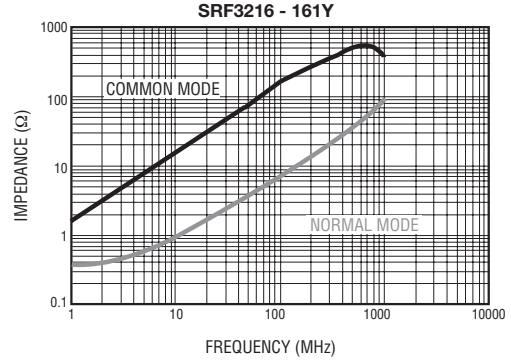
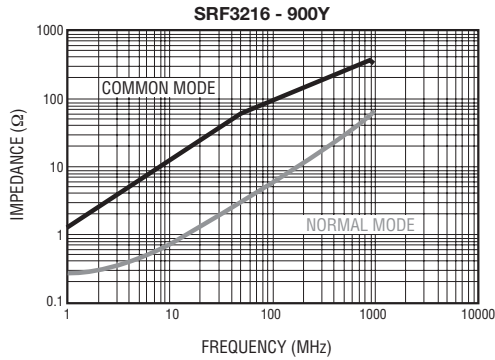
Users should verify actual device performance in their specific applications.

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# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Impedance vs. Frequency

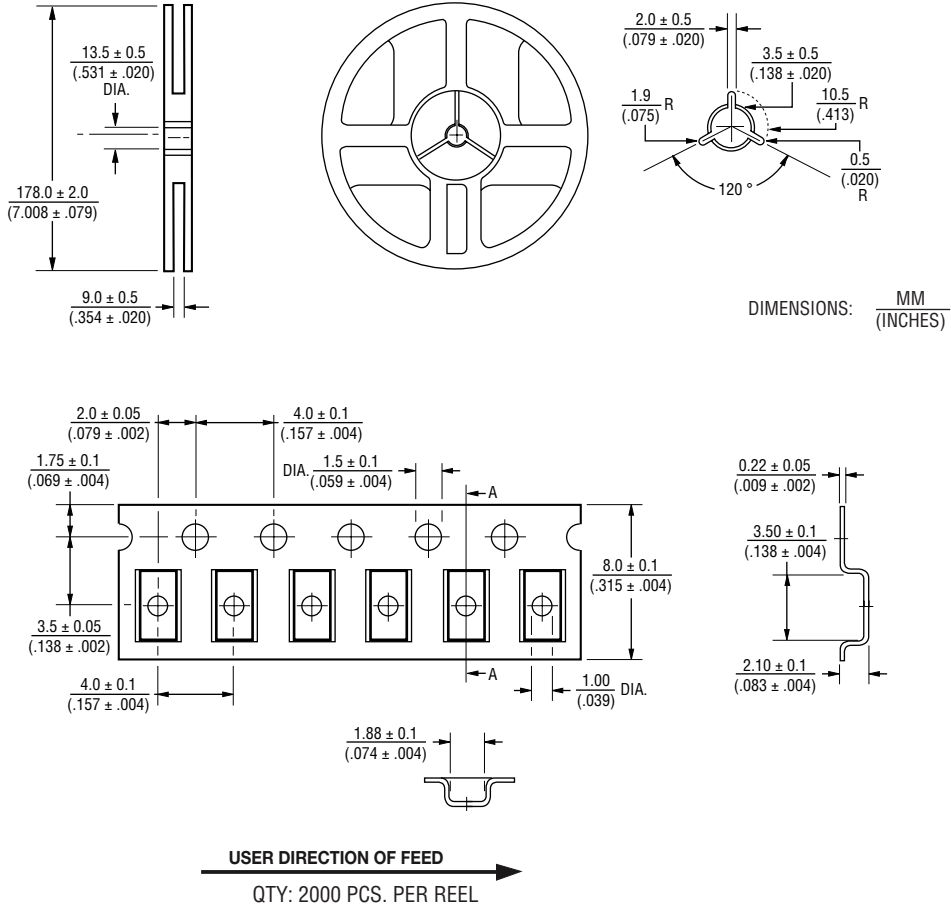


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# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Packaging Specifications



REV. 02/20

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