

### Features

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

### Applications

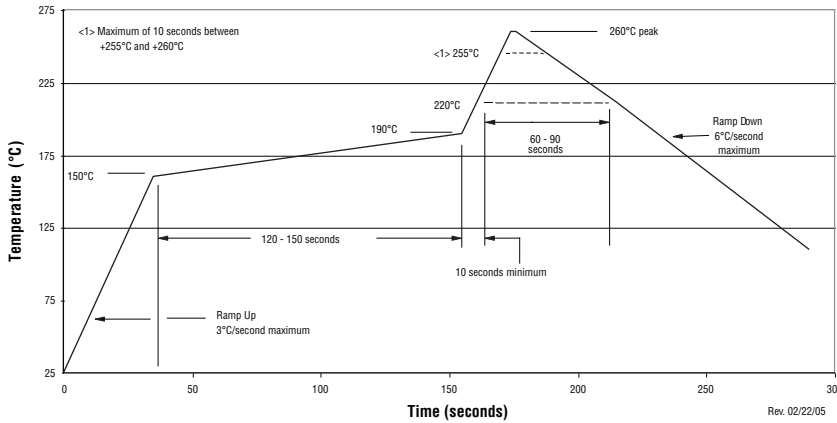
- Noise suppression
- Personal computers
- Display panels

## SRF3216 Series - Common Mode Chip Inductors

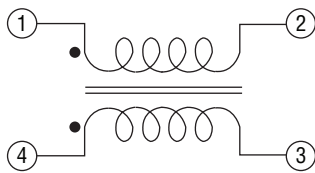
### Electrical Specifications

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

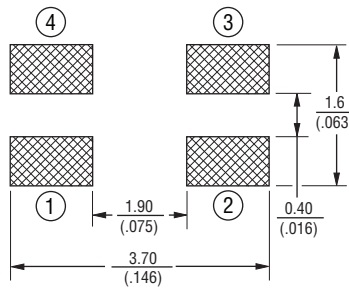
### Soldering Profile



### Schematic



### Recommended Layout



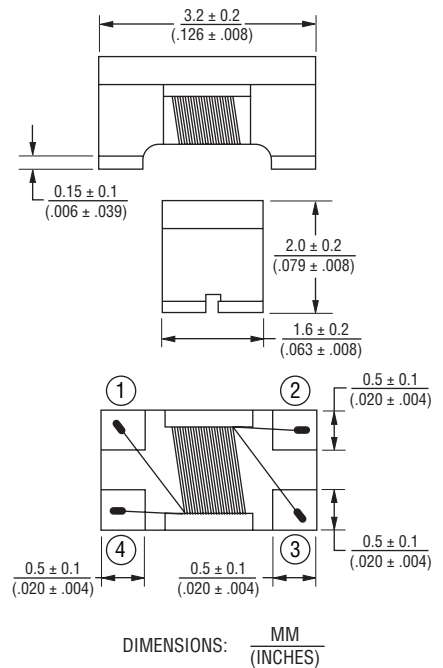
### General Specifications

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



\*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

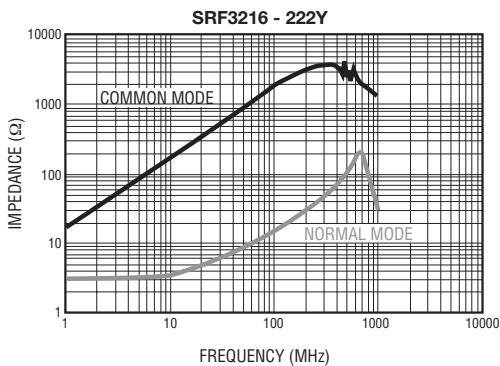
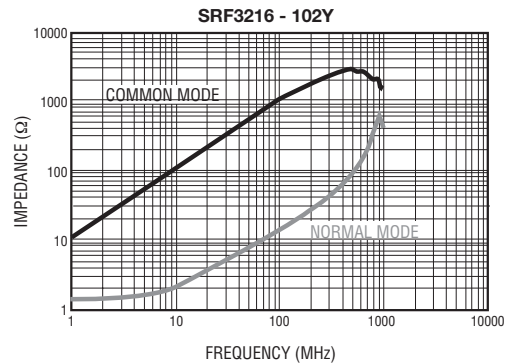
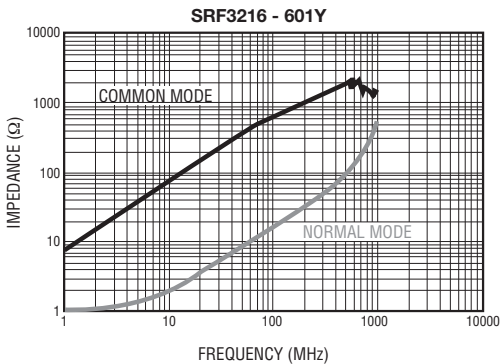
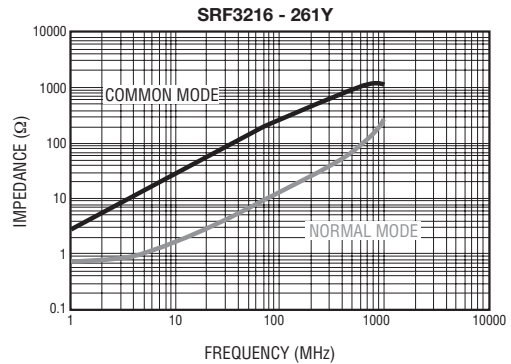
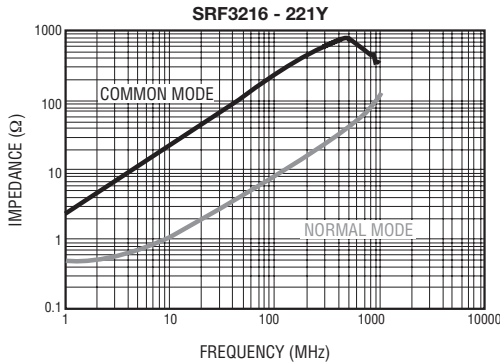
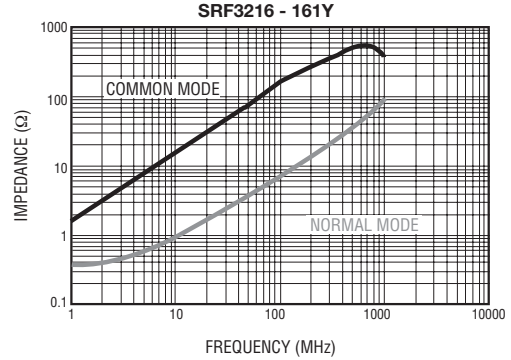
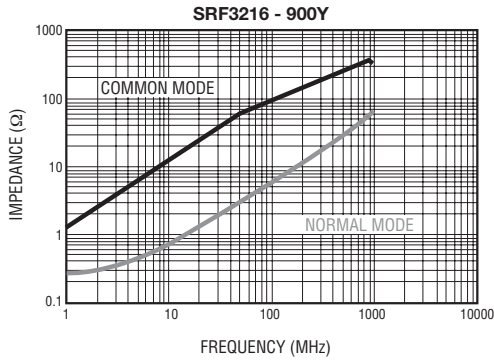
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.

# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Impedance vs. Frequency

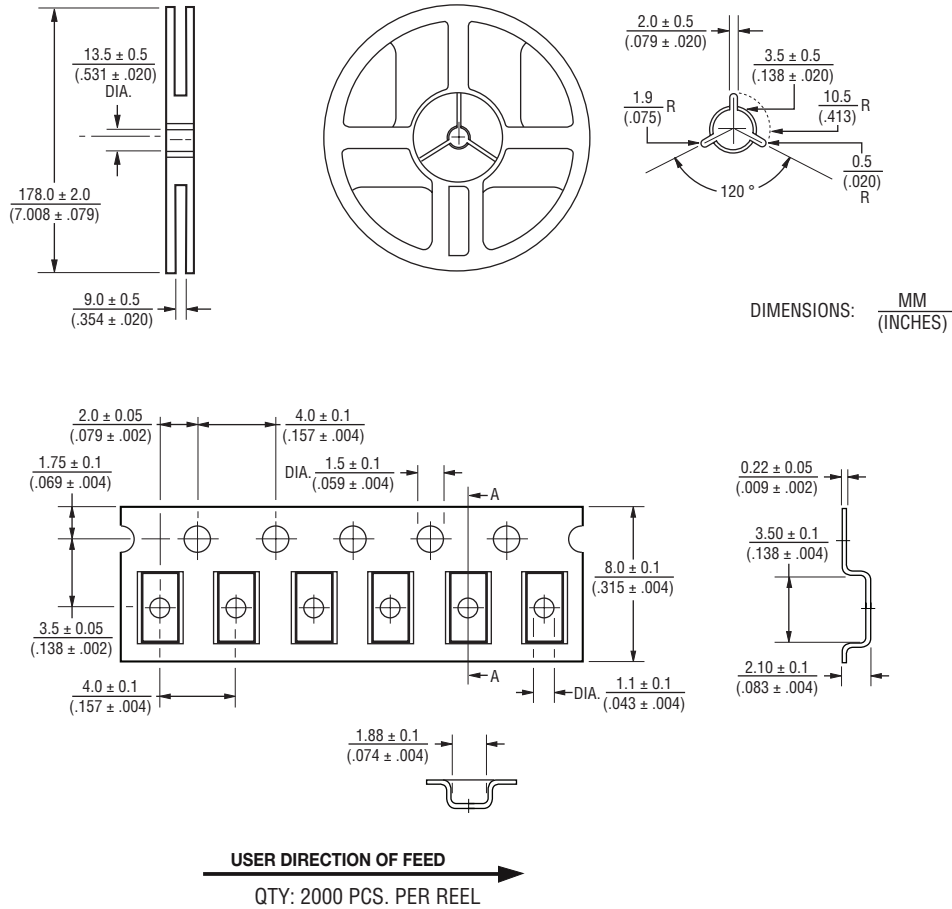


Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Packaging Specifications



REV. 08/17

Specifications are subject to change without notice.  
 The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.  
 Users should verify actual device performance in their specific applications.