

### 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	±30%	50	125	10	0.30	400
SRF3216-161Y	160	±30%	50	125	10	0.35	350
SRF3216-221Y	220	±30%	50	125	10	0.45	300
SRF3216-261Y	260	±30%	50	125	10	0.45	300
SRF3216-601Y	600	±30%	50	125	10	0.80	300
SRF3216-102Y	1000	±30%	50	125	10	1.00	230
SRF3216-222Y	2200	±30%	50	125	10	1.20	200

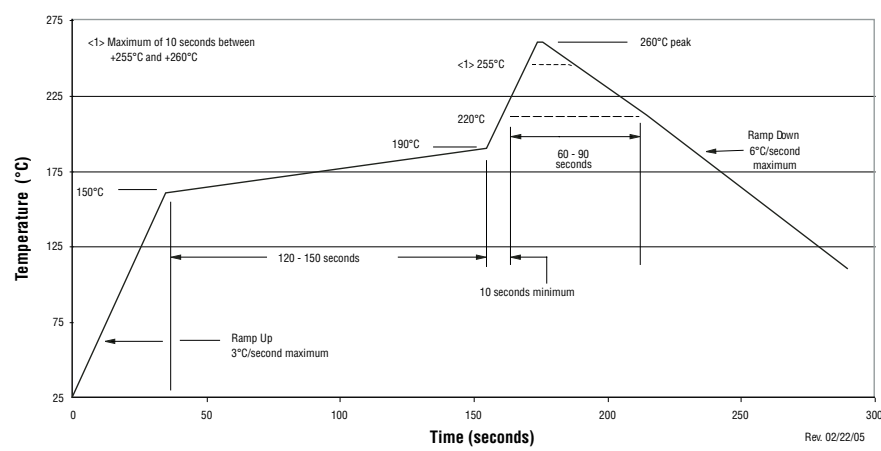
### General Specifications

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.

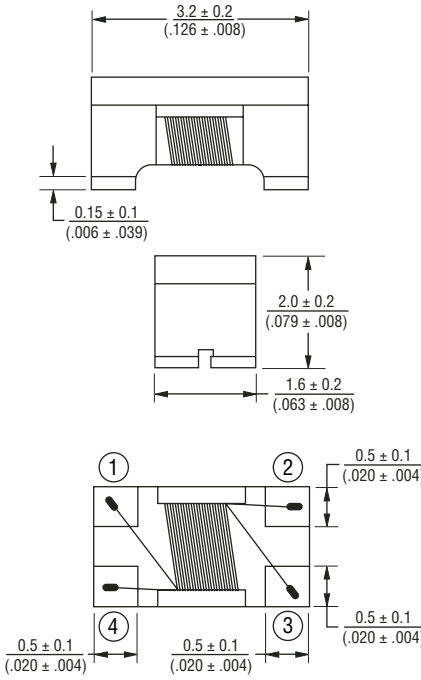
### Materials

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

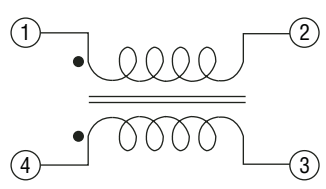
### Soldering Profile



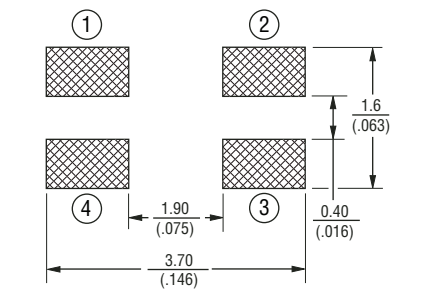
### Product Dimensions



### Electrical Schematic



### Recommended Layout



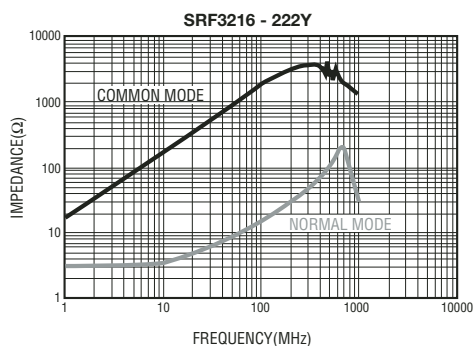
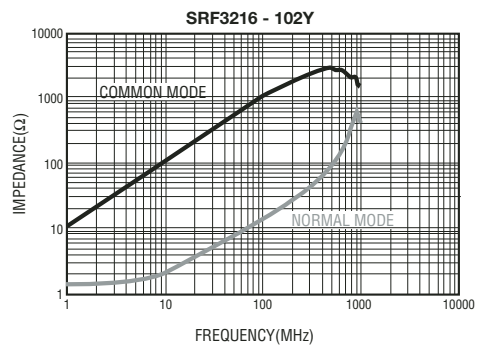
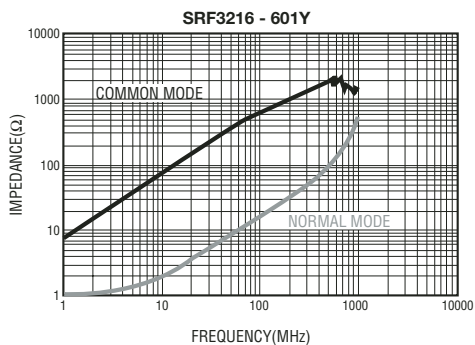
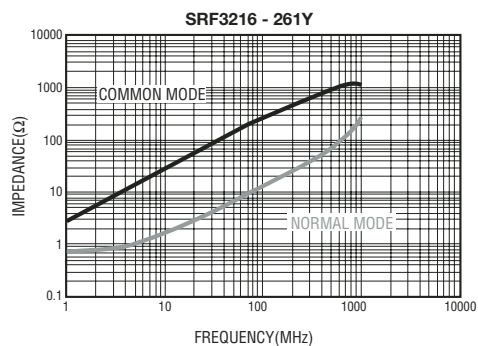
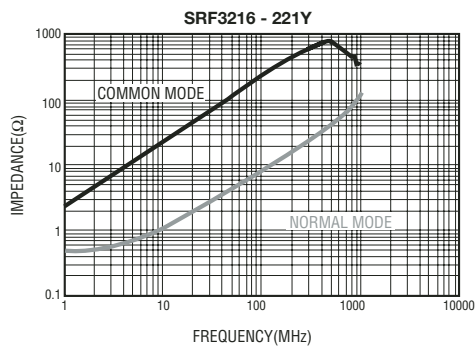
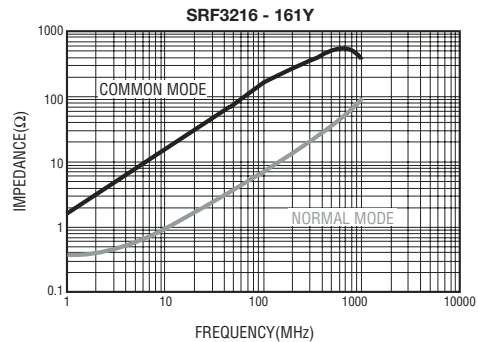
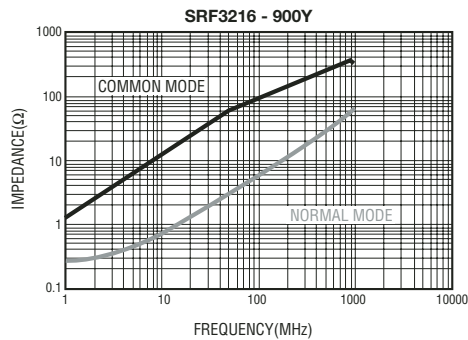
\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex  
 Specifications are subject to change without notice.  
 Customers should verify actual device performance in their specific applications.

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

# SRF3216 Series - Common Mode Chip Inductors

**BOURNS®**

## Impedance vs. Frequency

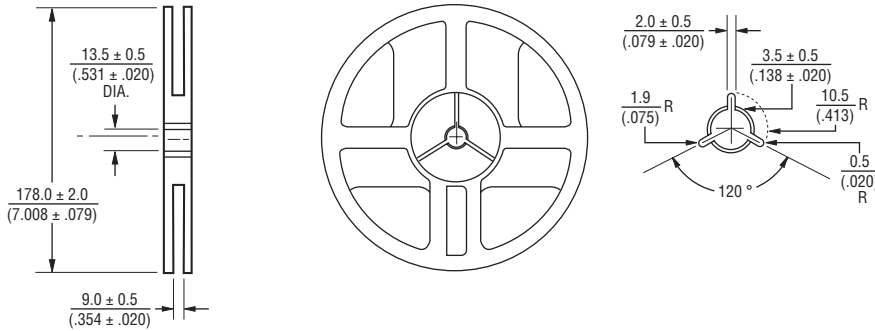


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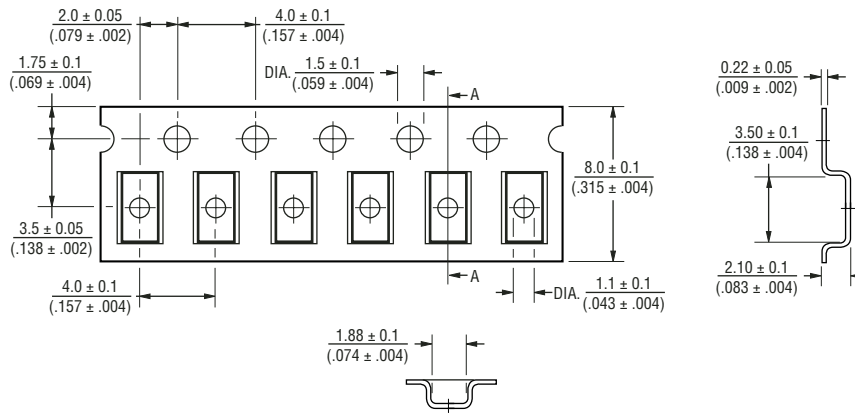
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## Packaging Specifications



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



**USER DIRECTION OF FEED**

QTY: 2000 PCS. PER REEL