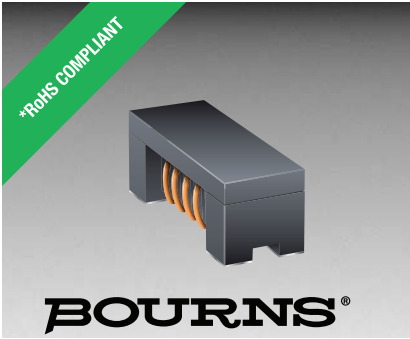




**THE DATASHEET OF
SRF3216-161Y**





Features

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

Applications

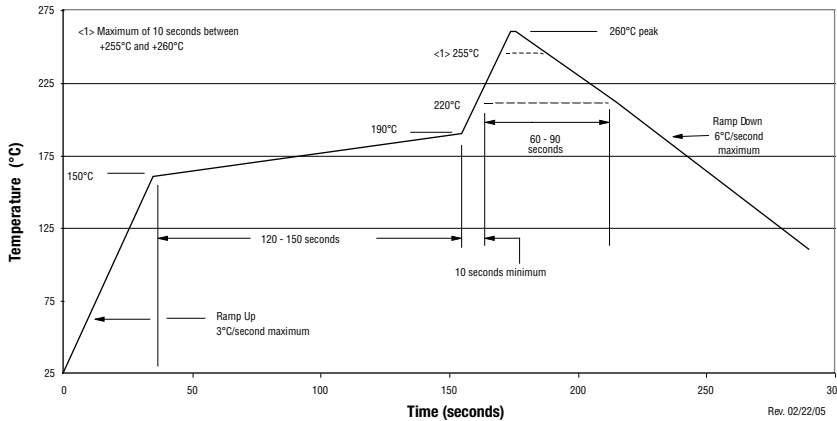
- Noise suppression
- Personal computers
- Display panels

SRF3216 Series - Common Mode Chip Inductors

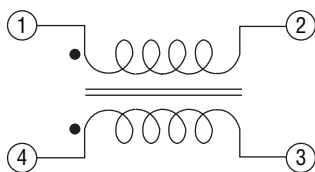
Electrical Specifications

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

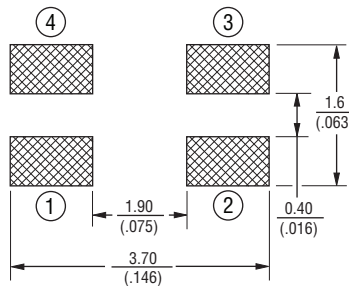
Soldering Profile



Schematic



Recommended Layout



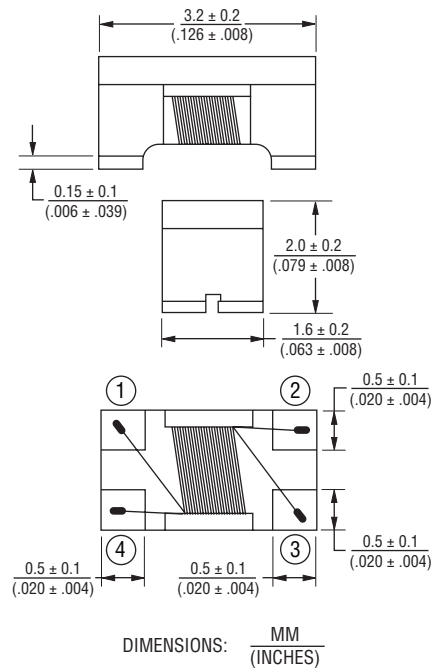
General Specifications

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

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

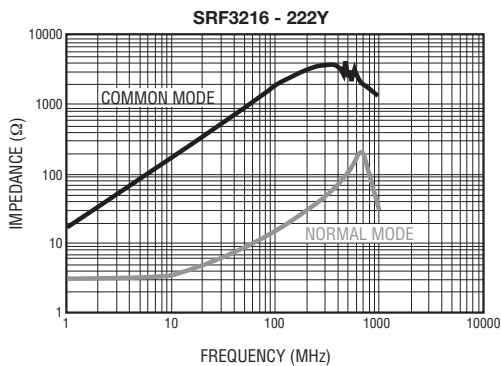
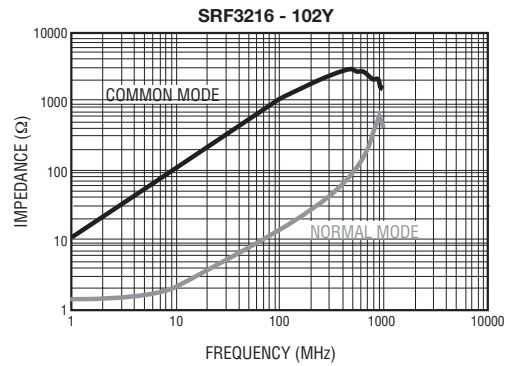
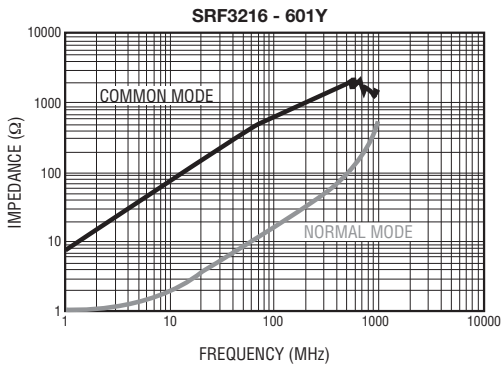
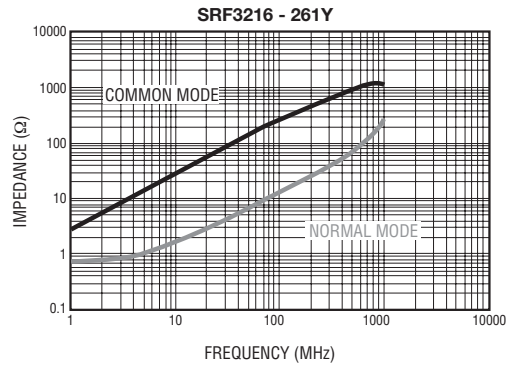
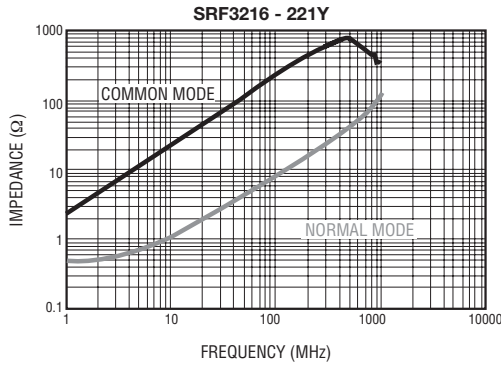
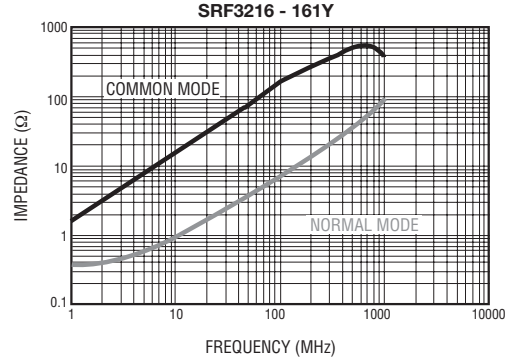
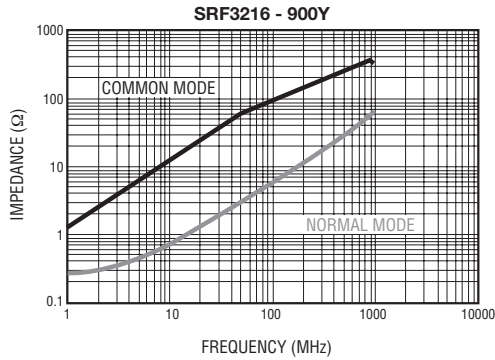
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SRF3216 Series - Common Mode Chip Inductors

BOURNS®

Impedance vs. Frequency

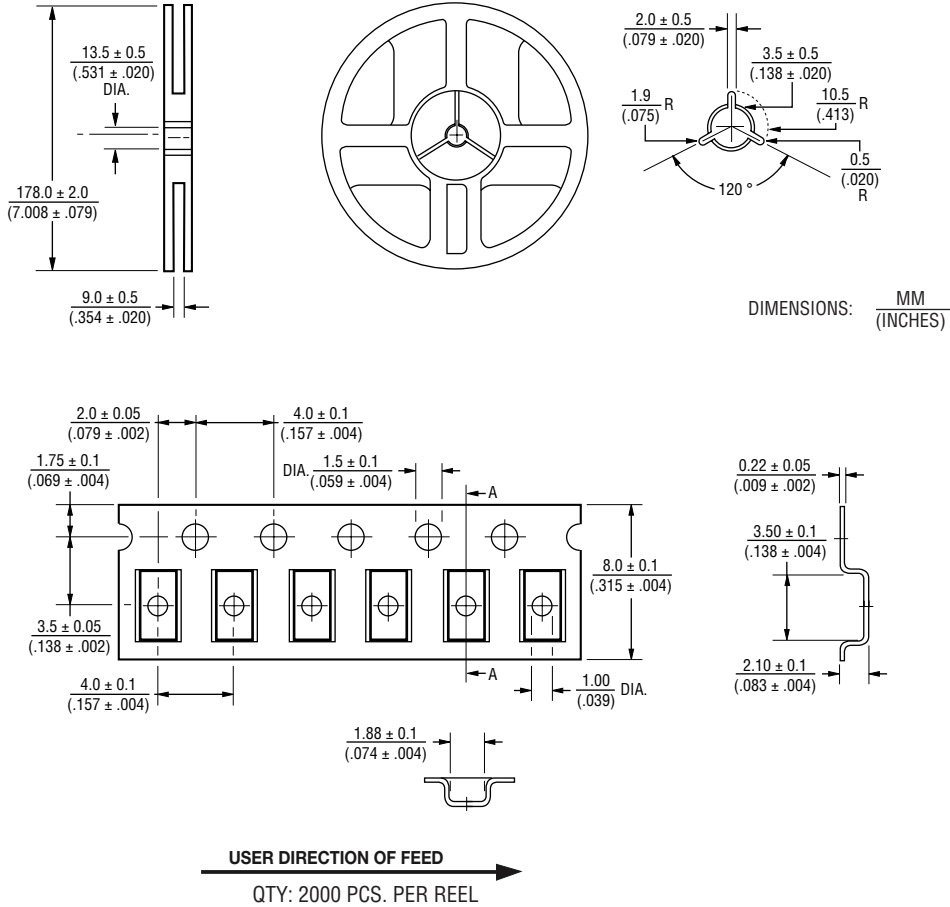


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Packaging Specifications



REV. 02/20

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