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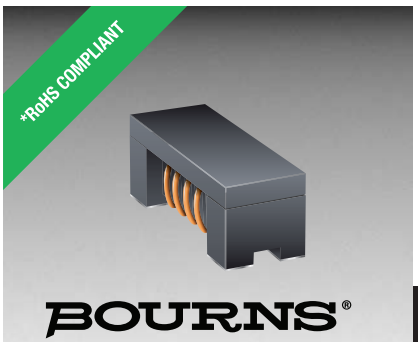


Features

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

Applications

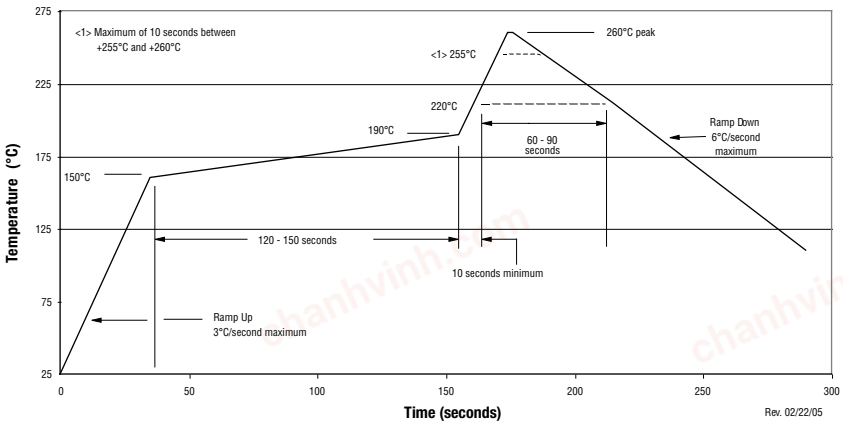
- Noise suppression
- Personal computers
- Display panels

SRF3216 Series - Common Mode Chip Inductors

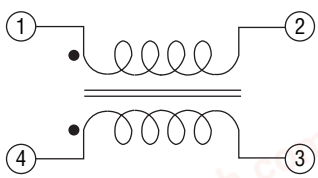
Electrical Specifications

Bourns Part No.	Impedance @ 100 MHz (Ω)	Impedance @ 100 MHz Tolerance (%)	Rated Voltage (DC)	Withstanding Voltage (DC)	Insulation Resistance (MΩ)	DCR Max. (Ω)	IDC Max. (mA)
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

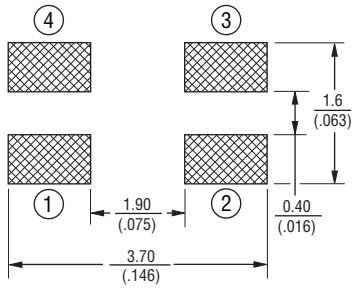
Soldering Profile



Schematic



Recommended Layout



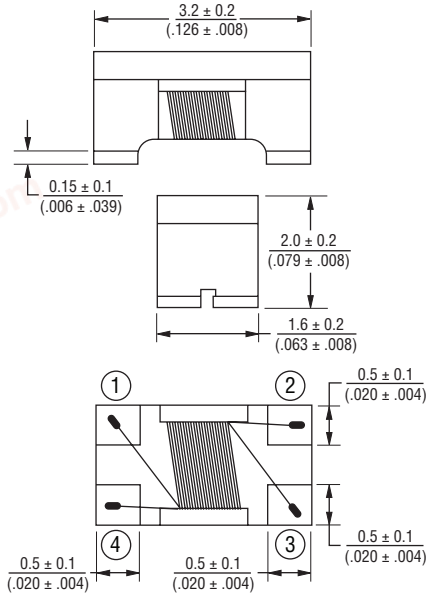
General Specifications

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



DIMENSIONS: MM / (INCHES)

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.
Users should verify actual device performance in their specific applications.
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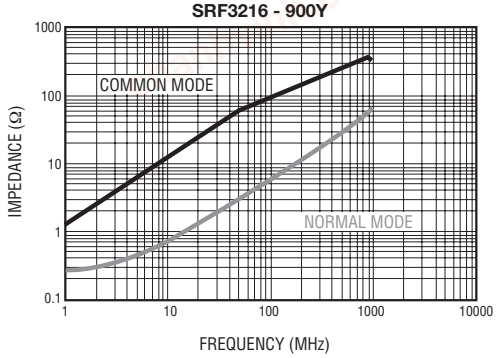
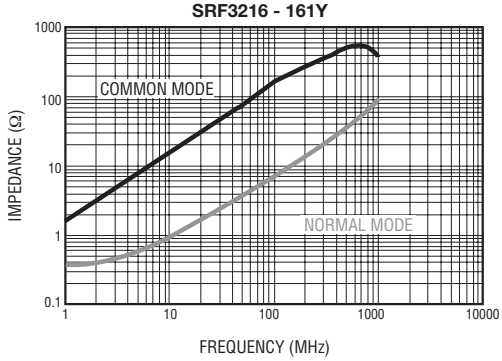
Impedance vs. Frequency

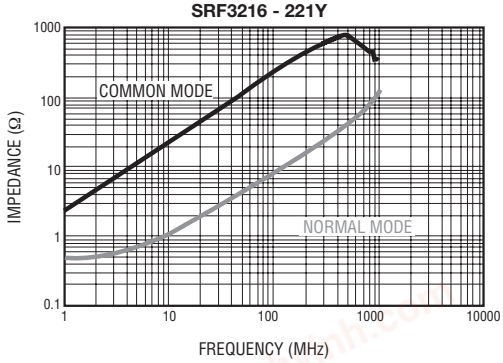
SRF3216 - 900Y



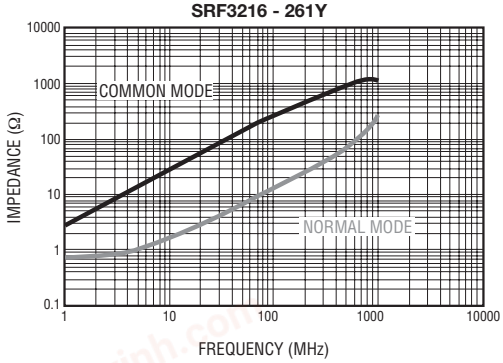
SRF3216 - 161Y



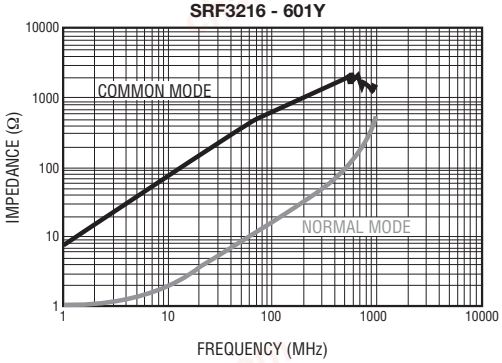
SRF3216 - 221Y



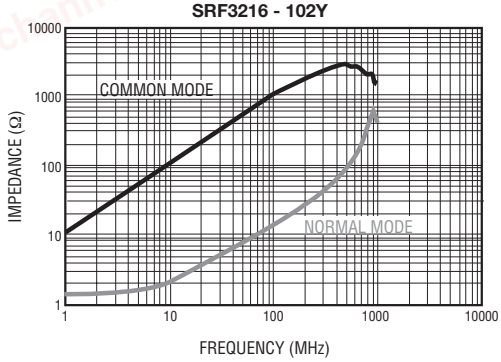
SRF3216 - 261Y



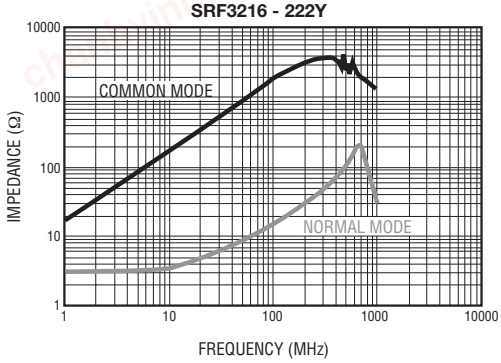
SRF3216 - 601Y



SRF3216 - 102Y



SRF3216 - 222Y



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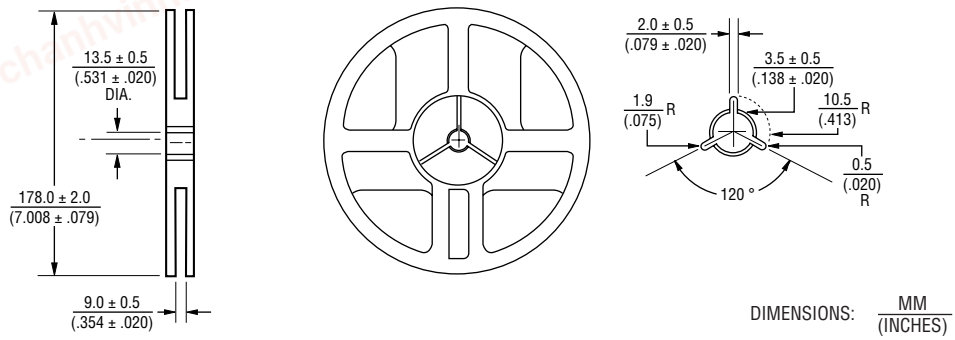
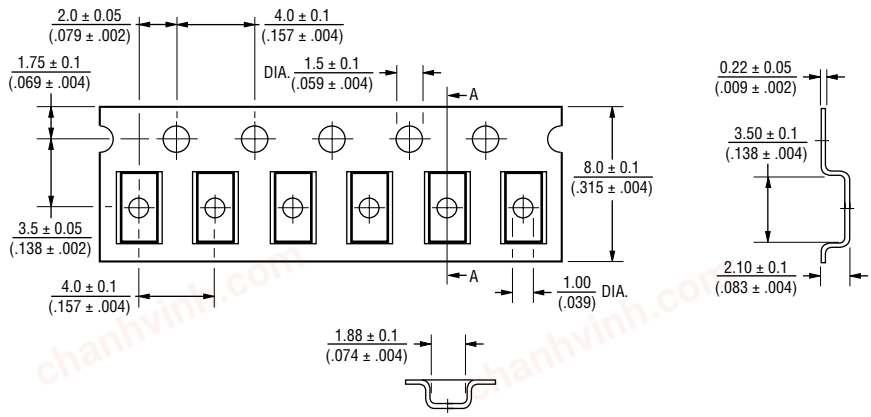
Packaging Specifications





USER DIRECTION OF FEED

QTY: 2000 PCS. PER REEL

REV. 02/20

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