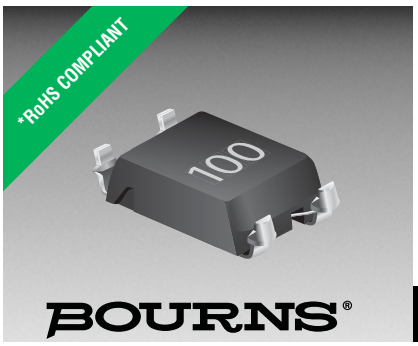
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Features

- Current rating of 300 mA
- Inductance range: 10 to 330 μH
- Frequency range to 1600 MHz
- RoHS compliant*

Applications

- EMI suppression

SRF0602 Series - Line Filter

Electrical Specifications @ 25 °C

Part Number	L (μH) *	Leakage Inductance (μH) Max.	DCR (Ω) max. (each winding)	Rated Current (mA)	Impedance (Z)	
					Freq. Range (MHz)	Min. Value (Ω)
SRF0602-100Y	10 ± 50 %	1	0.24	300	35 - 570	600
SRF0602-470Y	47 ± 50 %	4	0.16	300	4 - 1600	140
SRF0602-820Y	82 ± 50 %	4	0.02	300	3 - 850	220
SRF0602-101Y	100 ± 50 %	8	0.22	300	3 - 660	260
SRF0602-181Y	180 ± 50 %	8	0.25	300	3 - 250	500
SRF0602-221Y	220 ± 50 %	10	0.28	300	3 - 210	600
SRF0602-331Y	330 ± 50 %	10	0.30	300	3 - 120	900

* Test condition: 2 mV, 10 KHz

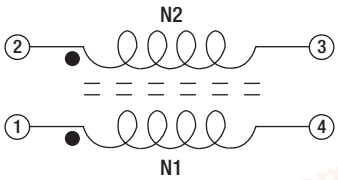
General Specifications

Temperature Rise.. 20 °C at rated current
Rated Voltage.....50 Vdc
Hi-Pot ..... 250 VAC, 60 Hz, 3 mA max. for 1 minute
Operating Temperature ..... -40 °C to +105 °C (Temperature rise included)
Storage Temperature .. -40 °C to +105 °C
Solderability..... 260 °C for 5 sec. (JEDEC J-STD-020D)

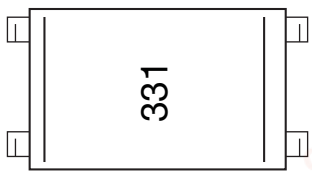
Materials

Core Material.....Ferrite
Base .....LCP
Wire .....Enameled copper
Terminal coating .....Sn
Packaging..... 1000 pcs. per 7-inch reel

Schematic



Typical Part Marking

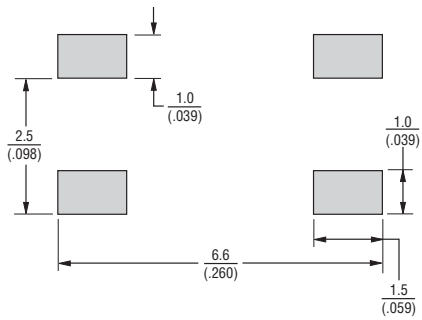


How to Order

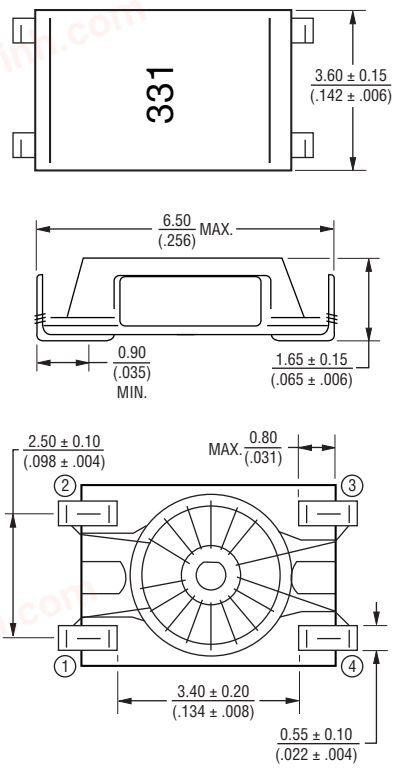
SRF0602 - 101 Y

Model
Value Code (see table)
Tolerance Code
Y = ±50 %

Recommended Layout



Product Dimensions



DIMENSIONS: MM / (INCHES)

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The Americas: Tel: +1-951 781-5500 • Fax: +1-951 781-5700
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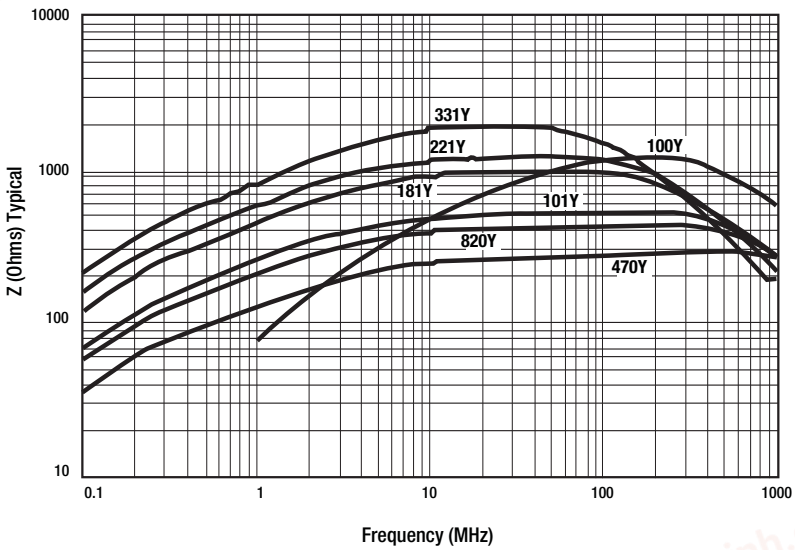
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

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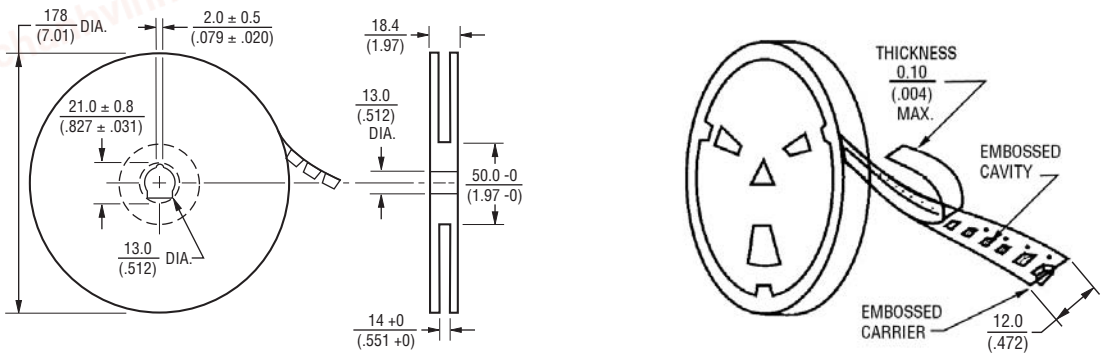
SRF0602 Series - Line Filter

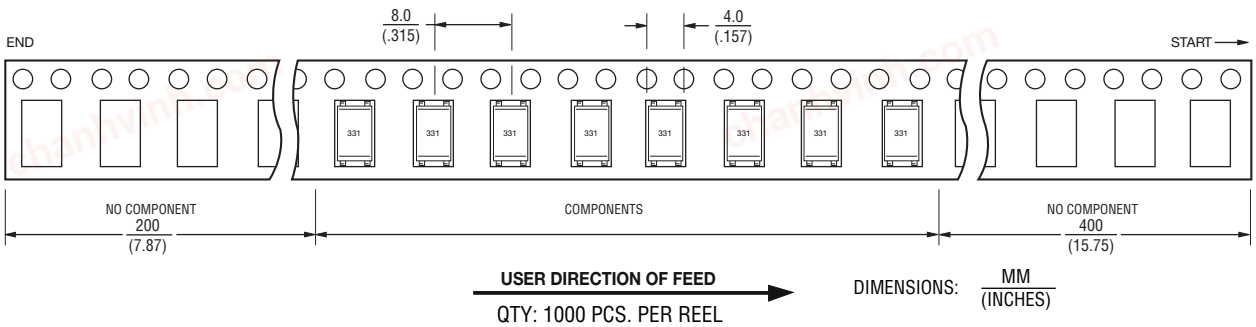
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Impedance Graph



Packaging Specifications





REV. 06/13

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