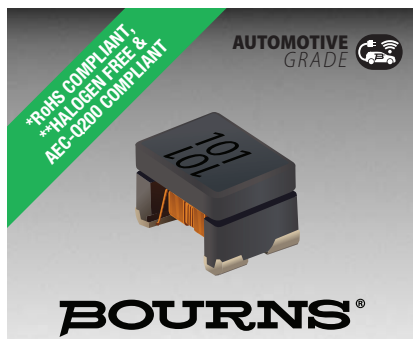




Features

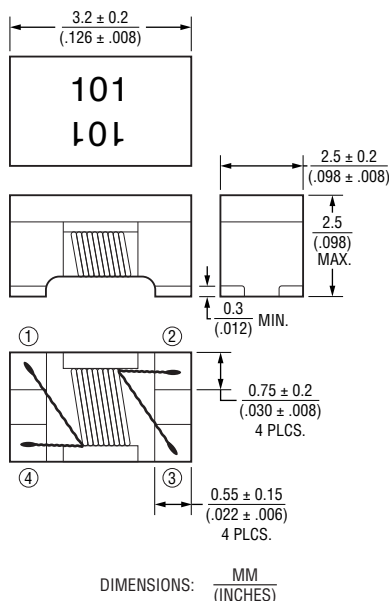
- Shielded construction – low radiation
- Bifilar wound
- SRF3225TAC-101Y meets IEC 62228-3 CAN-FD Class II
- Extended temperature range: -55 to +150 °C
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

SRF3225TAC Series – Common Mode Chip Inductor

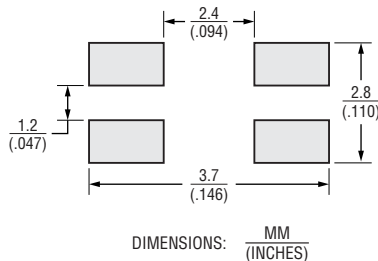
Electrical Specifications @ 25 °C

Bourns Part Number	Inductance @ 100 kHz / 0.1 V		Leakage Inductance (μH) Max. @ 100 kHz / 0.1 V	DCR (Ω) Max.	IDC (A) Max.	Cp 1-4 (pF) 100 kHz / 0.1 V		Common Mode Impedance (Ω) @ 10 MHz	
	L (μH)	Tol. (%)				Typ.	Max.	Typ.	Min.
SRF3225TAC-110Y	11	-30 / +50	0.10	0.4	0.3	10	12	550	300
SRF3225TAC-220Y	22	-30 / +50	0.12	0.5	0.25	15	18	1100	500
SRF3225TAC-510Y	51	-30 / +50	0.16	0.7	0.2	18	22	2600	1000
SRF3225TAC-101Y	100	-30 / +50	0.22	1.5	0.15	15	20	5100	2200

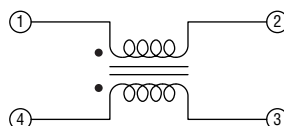
Product Dimensions



Recommended Layout



Electrical Schematic



Additional Information

Click these links for more information:



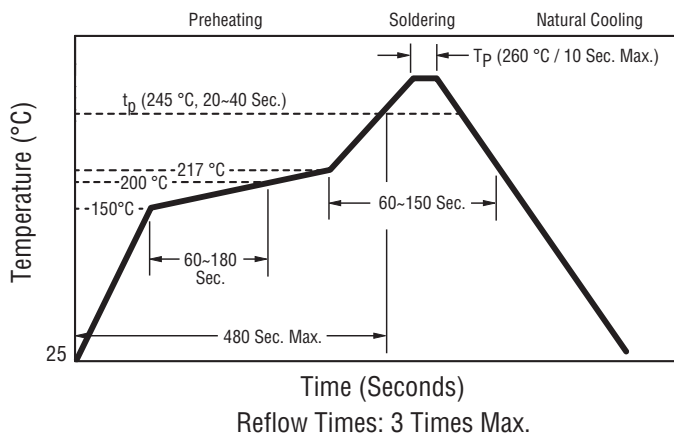
General Specifications

Rated Voltage 80 VDC
 Insulation Resistance 10 MΩ (min.) @ 50 VDC
 Operating Temperature -55 °C to +150 °C
 (Temperature rise included)
 Storage Temperature...-55 °C to +150 °C
 Temperature Rise 20 °C at rated IDC

Materials

Core Ferrite
 Wire Enameled copper
 Terminal Finish Sn
 Packaging 2000 pcs. per 7-inch reel

Soldering Profile



How to Order

SRF3225TAC - 101 Y

Model _____
 Value Code _____
 Tolerance _____



WARNING
 Cancer and Reproductive Harm
www.P65Warnings.ca.gov

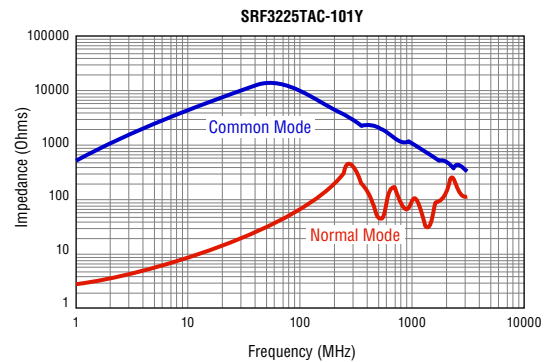
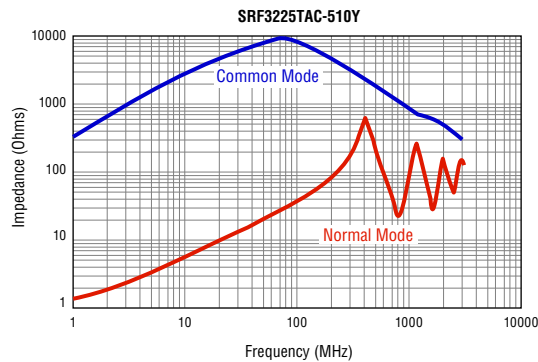
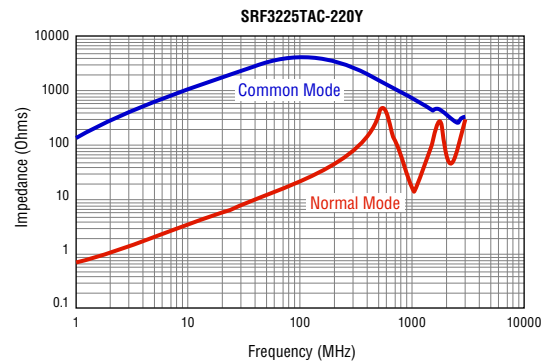
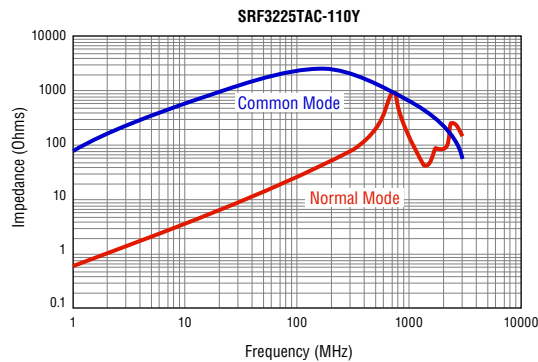
* RoHS Directive 2015/863, Mar 31, 2015 and Annex.
 ** Bourns considers a product to be "halogen free" if
 (a) the Bromine (Br) content is 900 ppm or less; (b)
 the Chlorine (Cl) content is 900 ppm or less; and (c)
 the total Bromine (Br) and Chlorine (Cl) content is
 1500 ppm or less.

Specifications are subject to change without notice.
 Users should verify actual device performance in their
 specific applications. The products described herein and
 this document are subject to specific legal disclaimers as
 set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

SRF3225TAC Series – Common Mode Chip Inductor

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Typical Impedance vs. Frequency Curves



Specifications are subject to change without notice.

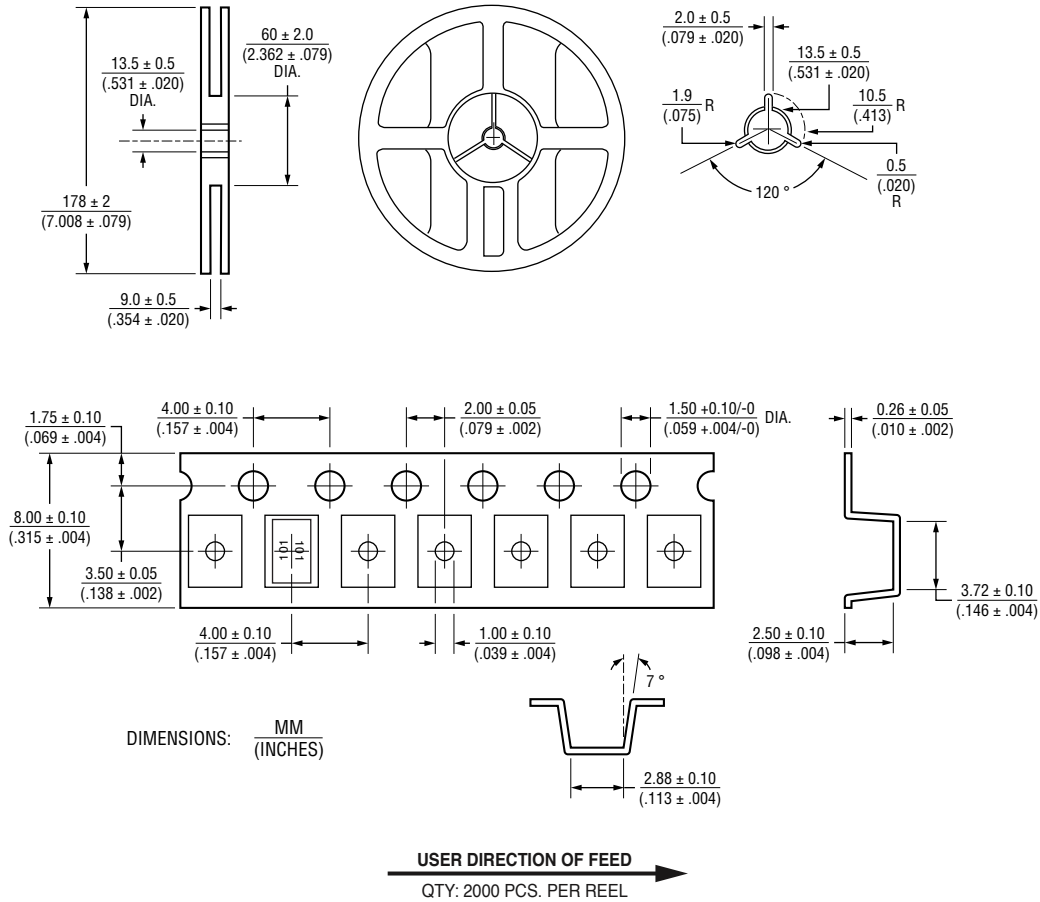
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SRF3225TAC Series – Common Mode Chip Inductor

BOURNS®

Packaging Specifications



BOURNS®

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www.bourns.com

02/21

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