



Features

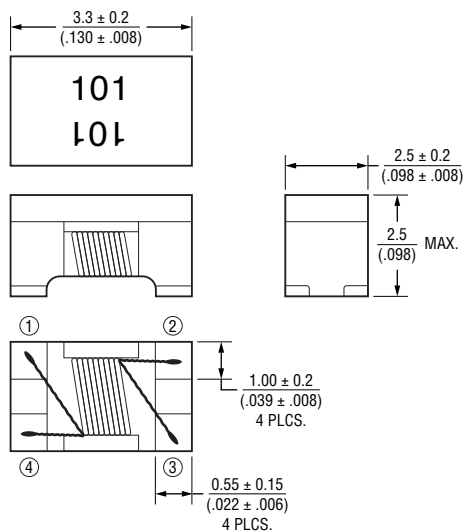
- Shielded construction – low radiation
- Bifilar wound
- Meets IEC 62228-3 CAN-FD Class II (DCMR Class III compliance)
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

SRF3225TAFD Series – Common Mode Chip Inductor

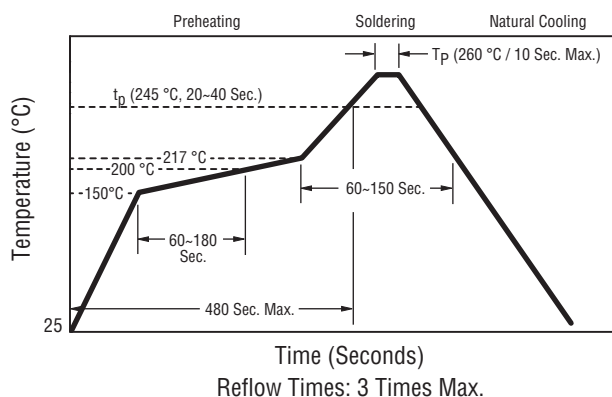
Electrical Specifications @ 25 °C

Bourns Part Number	Inductance @ 100 kHz / 0.1 V		Leakage Inductance (μ H) 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 (μ H)	Tol. (%)	Typ	Max.			Typ.	Max.	Typ.	Min.
SRF3225TAFD-101Y	100	-30 / +50	0.2	0.3	1.5	0.15	7	10	5100	2200

Product Dimensions



Soldering Profile



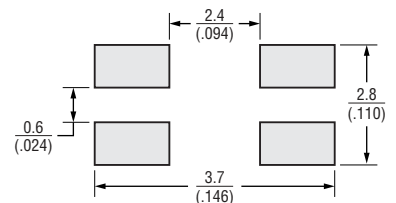
General Specifications

Rated Voltage 80 VDC
 Insulation Resistance 10 M Ω (min.) @ 50 VDC
 Operating Temperature -40 °C to +125 °C
 (Temperature rise included)
 Storage Temperature -40 °C to +125 °C
 Temperature Rise 40 °C at rated IDC

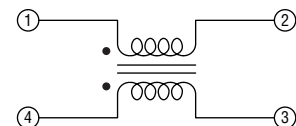
Materials

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

Recommended Layout



Electrical Schematic



BOURNS®

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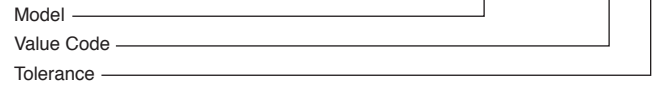
WARNING
 Cancer and Reproductive Harm
www.P65Warnings.ca.gov

* 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.

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BOURNS®

SRF3225TAFD - 101 Y

[illegible]

QTY: 2000 PCS. PER REEL

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