



Bourns Releases High Current Common Mode Chokes

Model SRF3225TP Series

Riverside, California – January 5, 2024 – Bourns Magnetics Product Line is releasing the new [Model SRF3225TP Series](#) high current common mode chokes that offer a compact size and high impedance to suppress Electromagnetic Interference (EMI) coming into or leaving a system.

The RoHS compliant* and halogen free** Model SRF3225TP Series common mode chokes are designed to achieve a high current rating up to 2 A with impedance values ranging from 500 to 1000 ohms, which can decrease power consumption and improve EMI suppression in power lines. The operating temperature range is from -40 to +105 °C.

These chip-type, high current common mode chokes are compatible with high-density portable devices, and are ideal for power line noise countermeasures and EMI suppression in a variety of electronic devices.

Model SRF3225TP Series Specifications:

Bourns Part Number	Inductance (μ H) +50/-30 % @100 kHz/0.1 V	Common Mode Impedance (Ω) @100 MHz	DCR (Ω) Max.	Rated Current (mA) Max.	Rated Voltage (VDC) Max.	I_R (M Ω) Min.
SRF3225TP-501Y	2.2	500 \pm 25 %	0.1	2000	60	10
SRF3225TP-102Y	8.2	1000 \pm 25 %	0.1	1500	60	10

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Samples and production quantities are now available.

For additional details on Bourns® common mode chokes, visit the Bourns website at www.bourns.com/products/magnetic-products/common-mode-chokes.

For more information on Bourns® Magnetic Products, check out the additional available resources in the [Bourns® Magnetics Technical Library](#).

If you have questions or need additional information, please feel free to contact [Bourns Customer Service / Inside Sales](#).

Features

- Shielded construction for low radiation
- High current
- Compact size
- RoHS compliant* and halogen free**

Applications

- DC power lines:
 - EMI suppression
 - Noise filters

* 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.