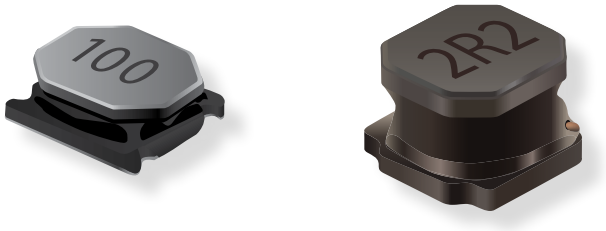
BOURNS®

New Product Release

INDUCTIVE COMPONENTS



Bourns Releases AEC-Q200 Compliant Semi-shielded Power Inductors

Model SRN5020TA & SRN5040TA Series

Riverside, California - October 4, 2018 - Bourns Inductive Components Product Line is introducing the SRN5020TA and SRN5040TA Semi-shielded Power Inductor Series. Constructed with magnetic-epoxy coating to the perimeter of the inductor winding to provide effective shielding, these inductors release lower magnetic field radiation compared to non-shielded inductors, and these new products are available at a lower cost than comparably-sized conventional ferrite shield inductors.

Both series are compliant to the AEC-Q200 standard with an operating temperature range of -55 to +125 °C. These inductors are well suited for DC/DC converters and power supplies in consumer, industrial, medical* and telecom applications where higher inductor reliability may be required.

Product Features				
Model	**Size**	**Inductance Range**	**Heating Current Range**	**Saturation Current Range**
SRN5020TA	5 x 5 x 1.8 mm	1 – 47 uH	0.7– 4.1 A	0.7 – 5 A
SRN5040TA	4.95 x 4.95 x 3.8/3.9 mm	0.6 - 100 uH	0.72 – 8 A	0.75 – 11 A

Please visit Bourns website at https://www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant for additional information on AEC-Q200 compliant inductive components.

Feel free to contact Bourns Customer Service if you have any questions.

Features

- Semi-shielded construction
- Inductance range: 1 to 47 µH (SRN5020TA), or 0.6 to 100 µH (SRN5040TA)
- Rated current up to 4.1 A (SRN5020TA), or 8 A (SRN5040TA)
- AEC-Q200 compliant
- RoHS compliant** and halogen free***

Applications

- DC/DC converters
- Power supplies

* *Excluding life-saving, life-critical or life-sustaining applications.*
** *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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