

Worldwide Sales Offices

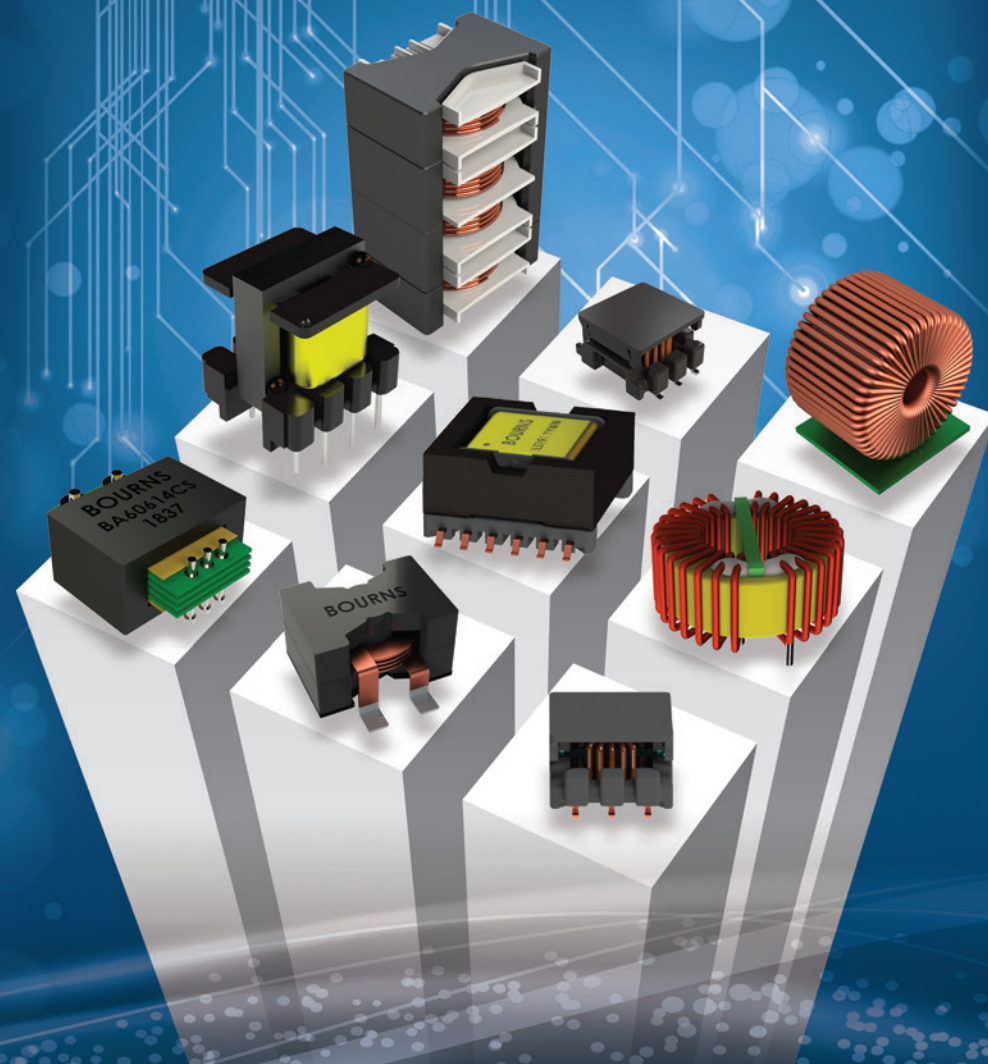
Country/Region	Phone	Email
Americas:	+1-951-781-5500	americus@bourns.com
Brazil:	+55 11 5505 0601	americus@bourns.com
China:	+86 21 64821250	asiacus@bourns.com
EMEA:	+36 88 885 877	eurocus@bourns.com
Japan:	+81 49 269 3204	asiacus@bourns.com
Korea:	+82 70 4036 7730	asiacus@bourns.com
Singapore:	+65 6348 7227	asiacus@bourns.com
Taiwan:	+886 2 25624117	asiacus@bourns.com
Other Asia-Pacific Countries:	+886 2 25624117	asiacus@bourns.com

Technical Assistance

Region	Phone	Email
Americas:	+1-951-781-5500	techweb@bourns.com
Asia-Pacific:	+886 2 25624117	techweb@bourns.com
EMEA:	+36 88 885 877	eurotech@bourns.com

Bourns KK

Region	Phone	Email
	+81 6 6319 2281	techweb@bourns.com



BOURNS®

www.bourns.com

BOURNS® MAGNETICS

Copyright© 2019, Bourns, Inc. • 2/19 • e/IC1862

"Bourns" is a registered trademark of Bourns, Inc. in the United States and other countries.

Power transformers and magnetic components are everywhere. Bourns offers a complete range of magnetics for high-frequency switching power supply applications. Used as discrete and embedded devices in AC/DC, DC/DC and DC/AC converters, the switching power magnetics product offering includes power inductors, power transformers, current sense magnetics, gate drive transformers and common mode chokes.

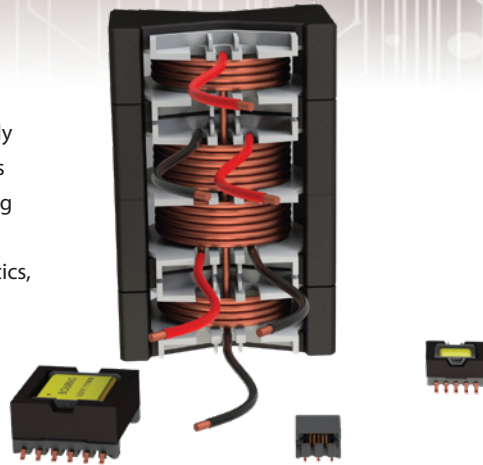
Capabilities

Designed to comply with, but not restricted to:

Insulation Class: B, F, H

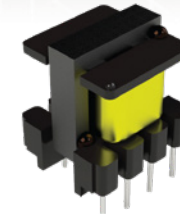
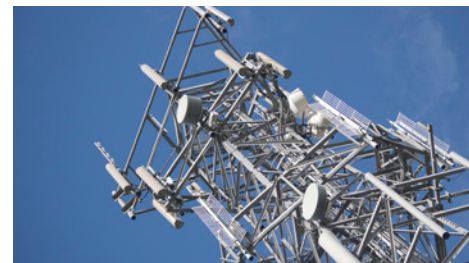
Industry Standards:

UL 508, EN 61558-1, EN 60950, EN 62368-1



Quality:

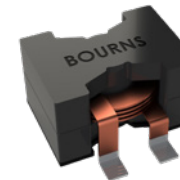
VDA 6.3, Factory IATF Certified
High Frequency Power Topologies: Buck, Boost, SEPIC, CUK, Half and Full Bridge LLC, Push-pull, Forward, Flyback



Flyback Transformers

(<250 W)

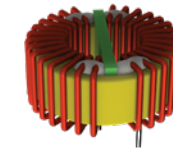
- Standard and custom
- For AC/DC and DC/DC applications
- Surface mount or through-hole
- High volume automated manufacturing
- AEC-Q200 compliant



Flat Wire Inductors

(<200 A)

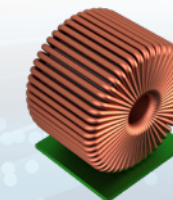
- Standard and custom designs
- High frequency soft ferrite core
- Ultra-low AC and DC resistance
- AEC-Q200 compliant



CMC and DMC Chokes

(<50 A)

- UL listed materials
- High isolation
- Standard and custom
- Customized assemblies
- AEC-Q200 compliant



PFC Chokes

(<50 A)

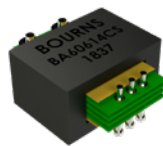
- High flux density powder iron toroid
- Standard and custom designs
- Customized assemblies
- AEC-Q200 compliant



Transformers

for High Power (<7 kW)

- For half bridge and full bridge LLC converters
- Working voltages up to 1000 V
- Reinforced isolation
- Ultra-low copper and core losses
- High frequency (3 MHz) cores



Planar Transformers

for Medium Power (<1000 W)

- For half bridge and full bridge converters
- Push-pull topologies for SELV (<60 V) applications
- Standard off-the-shelf and custom
- Ultra-low copper and core losses
- Highly efficient, low leakage



Push-pull Transformers

for Low Power (<1 W)

- Standard off-the-shelf and custom
- Reinforced isolation
- 400 V working voltages
- AEC-Q200 compliant