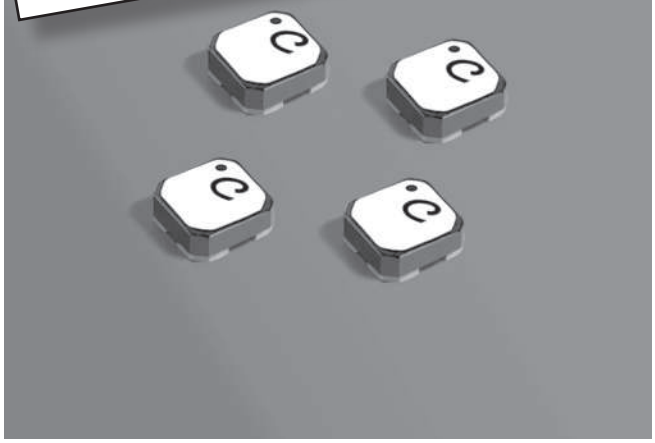
Shielded Coupled Inductor

For Maxim MAX14521E

RoHS/ REACH COMPLIANT

Halogen Free

The **GA3250-BE** and GA3250-BL will no longer be available for purchase after 10/02/21. Please see the **GA3250-EE**, which is a drop-in replacement that provides a more robust design. The upgraded part offers the same electrical performance, 1:8 turns ratio and has the same dimensions that fit the same land pattern.



- Developed for Maxim MAX14521E High-Voltage EL Lamp Driver with I²C Interface
- Used as a 1 : 8 autotransformer
- Shielded part for high-density applications

Core material Ferrite
Environmental RoHS compliant, halogen free
Terminations Silver-palladium-platinum-glass frit.
Weight 32 mg
Ambient temperature –40°C to +85°C with Irms current, +85°C to +125°C with derated current
Storage temperature Component: –40°C to +125°C. Tape and reel packaging: –40°C to +80°C
Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles
Temperature Coefficient of Inductance (TCL) +50 to +150 ppm/°C
Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)
Packaging 1000/7″ reel; 3500/13″ reel; Plastic tape: 12 mm wide, 0.23 mm thick, 8 mm pocket spacing, 1.4 mm pocket depth
PCB washing Only pure water or alcohol recommended

Part number[1]	Inductance ±20% (µH)[2] L1	L2	DCR max (Ohms) L1	L2	Turns ratio L1 : L2	Isat[3] (A)	Irms[4] (A)
GA3250-BE_	1.9	112	1.29	11.19	1 : 8	0.7	0.41

1. When ordering, please specify **packaging** code:

GA3250-BEC

Packaging: **C** = 7″ machine-ready reel. EIA-481 embossed plastic tape (1000 parts per full reel). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer ($25 charge).
D = 13″ machine-ready reel. EIA-481 embossed plastic tape. Factory order only, not stocked (3500 parts per full reel). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer ($25 charge).
B = Less than full reel. In an effort to simplify our part numbering system, Coilcraft is eliminating the need for multiple packaging codes. When ordering, simply change the last letter of your part number from B to D.

2. Inductance measured at 100 kHz, 0.1 Vrms, 0 Adc using an Agilent/HP 4284A LCR meter or equivalent.
3. DC current at which the inductance of L1 drops 20% (typ) from its value without current.
4. Current applied to both winding in parallel that causes a 40°C temperature rise from 25°C ambient. This information is for reference only and does not represent absolute maximum ratings.
5. Electrical specifications at 25°C.

Refer to Doc 362 “Soldering Surface Mount Components” before soldering.

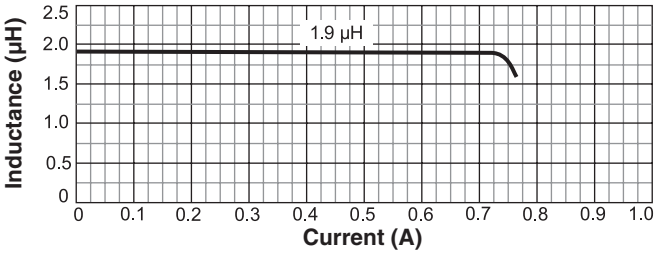
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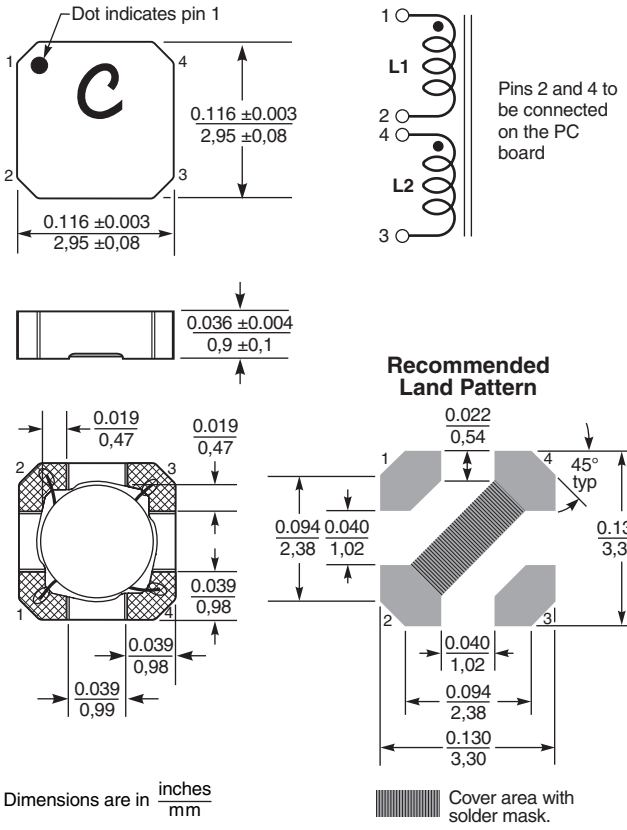
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Shielded Couple Inductor – GA3250-BE

L vs Current





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