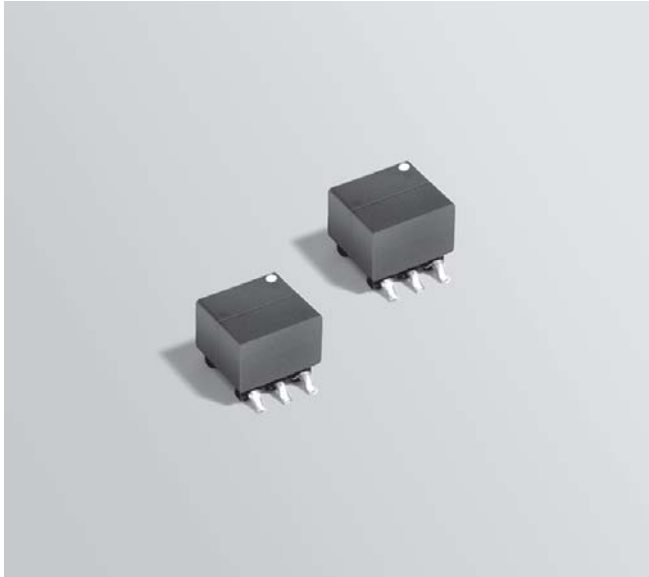




NEW!

SMT Gate Drive Transformers



These surface mount transformers are designed for high switching speed, transformer coupled MOSFET and IGBT gate drive circuits operating from 50 kHz to as high as 2 MHz. They offer low leakage inductance, excellent interwinding capacitance and 1500 Vdc primary to secondary isolation.

They are available in four different turns ratios and with one or two secondaries to meet a variety of applications.

The industry standard EP5 package requires less than 55 mm² of board space, allowing for high density mounting.

Request free evaluation samples by contacting Coilcraft or visiting www.coilcraft.com.

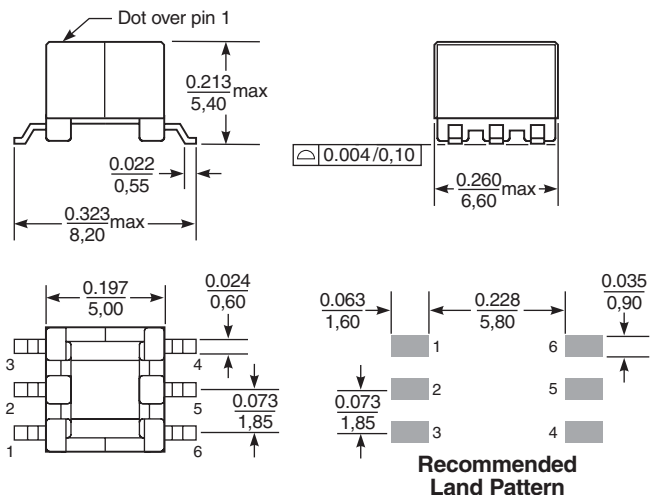
Part number ¹	Turns ratio	Primary inductance ² min (µH)	Leakage inductance ³ max (µH)	Primary DCR max (Ohms)	Secondary DCR max (Ohms)	Volt-time product (V-µsec)	SRF min ⁴ (MHz)	Capacitance pri to sec max (pF)
DA2319-AL_	1 : 1	296.0	1.5	0.795	0.655	25.8	2.23	14.0
DA2318-AL_	1.5 : 1	680.0	4.0	1.65	0.860	40.8	1.00	14.0
DA2320-AL_	1 : 1 : 1	264.0	0.30	1.50	1.50	24.5	3.60	95.0
DA2317-AL_	2 : 1 : 1	330.0	0.60	1.40	0.790	24.5	4.00	18.0

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

DA2320-ALC

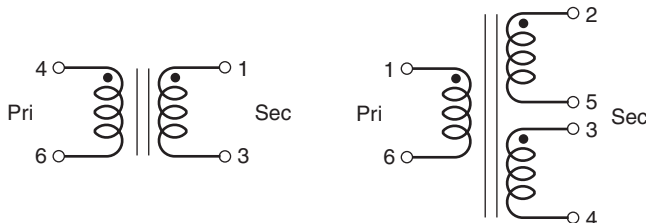
- Packaging:** **C** = 7" machine-ready reel. EIA-481 embossed plastic tape (250 parts per full reel).
B = Less than full reel. In tape, but not machine ready. To have a leader and trailer added (\$25 charge), use code letter C instead.
D = 13" machine-ready reel. EIA-481 embossed plastic tape. Factory order only, not stocked (1000 parts per full reel).

2. Inductance measured at 100 kHz, 0.1 Vrms, 0 Adc
 3. Leakage inductance measured at 100 kHz, 0.1 Vrms with secondary pins shorted.
 4. SRF measured with coils connected in series using an Agilent/HP 4192 or equivalent.
 5. Operating temperature range -40°C to +125°C.
 6. Electrical specifications at 25°C.



DA2318-AL, DA2319-AL

DA2317-AL, DA2320-AL



Weight: 535 – 580 mg
Terminations: Tin-silver over tin over nickel over phos bronze
Tape and reel: 250/7" reel; 1000/13" reel 16 mm tape width



Specifications subject to change without notice. Please check our website for latest information.

Document 512 Revised 12/26/07