



NEW!

Gate Drive Transformer

For ON Semiconductor
NCP1652 and NCP4302



The DA2099-AL was designed specifically for ON Semiconductor for use with the NCP1652 Power Factor Correction and Step-down Controller and the NCP4302 Secondary Side Synchronous Flyback Controller.

This compact transformer requires only 1.5 cm² board space and features 1500 Vrms primary to secondary isolation. It can be used at frequencies from 20 kHz to 250 kHz.

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

Part number ¹	Turns ratio	Primary inductance ² ±20 % (mH)	Leakage inductance ³ max (µH)	Primary DCR max (Ohms)	Secondary DCR max (Ohms)	Volt-time product ⁴ (V-µsec)	Capacitance pri to sec ⁵ max (pF)
DA2099-AL_	1 : 1	3.79	13.0	2.30	2.85	221	13.0

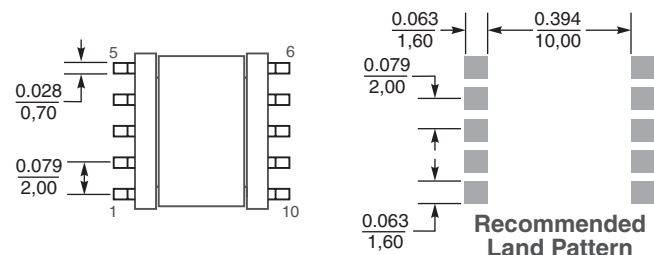
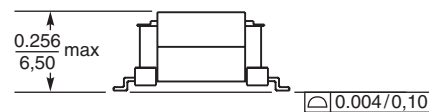
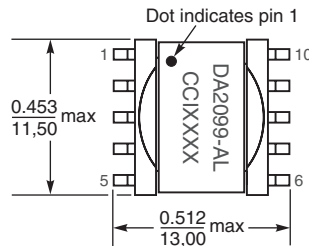
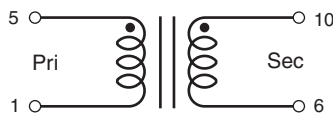
1. When ordering, please specify **packaging** code:

DA2099-AL D

Packaging: **D** = 13" machine ready reel. EIA-481 embossed plastic tape (500 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 D instead.

- Inductance measured at 100 kHz, 0.3 Vrms, 0 Adc
- Leakage inductance measured at 100 kHz, 0.3 Vrms with secondary pins shorted.
- Based on Bs_{at} of the core at 25°C and number of turns of the primary.
- Capacitance measured at 100 kHz, 0.3 Vrms.
- Operating temperature range -40°C to +125°C.
- Electrical specifications at 25°C.



Weight: 1.35 g
Terminations: Tin-silver over tin over nickel over phos bronze
Tape and reel: 500/13" reel 44 mm tape width
 For packaging data see Tape and Reel Specifications section.



Specifications subject to change without notice. Please check our website for latest information. Document 519 Revised 12/19/06

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