



SMT Planar Transformer – A9845-AL



Coilcraft's surface mount planar transformers are ideal for applications that require high efficiency in a low-profile package. They are designed to perform in push-pull topologies operating at 200 – 300 kHz. The auxiliary winding can be used to control input current to PWMs.

Planar transformers offer high power densities along with great reliability and repeatability.

The A9845-A has a smaller footprint and lower profile than our other planar transformers. The circular windings provide very low DCR and excellent leakage inductance values.

To complete your design, Coilcraft offers a wide variety of power inductors for use as input and output chokes. To request free evaluation samples, contact Coilcraft or visit www.coilcraft.com.

Part number ¹	Output power (W)	Input voltage range (V)	Output voltage (V)	Output current (A rms)	Primary inductance ¹ min (mH)	Leakage inductance max (μH)	DCR max (Ohms)			Pri/sec isolation (Vrms)
							pri	sec	aux	
A9845-AL_	10	36 – 75	3.3	2.0	1.50	1.4	0.80	0.0105	0.120	1200

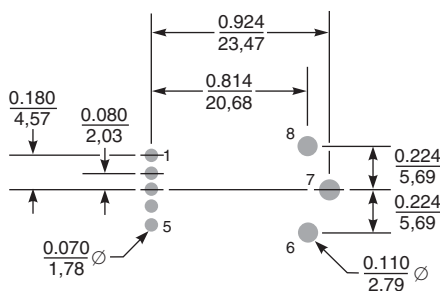
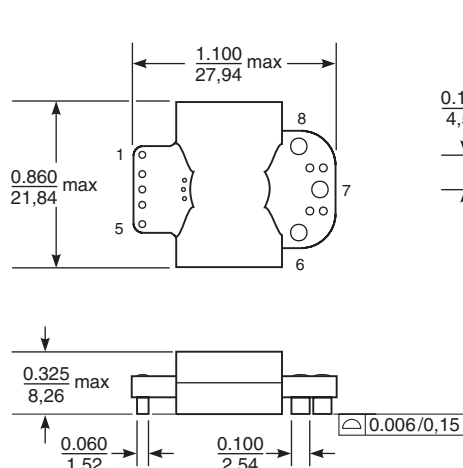
1. When ordering, please specify **packaging** code:

A8945-AL D

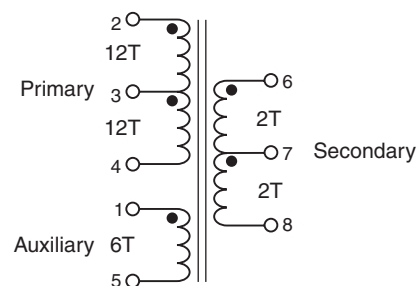
Packaging: **D** = 13" machine ready reel. EIA-481 embossed plastic tape (250 parts per full reel).

B = Less than full reel. In tape, but not machine ready. To have a leader and trailer added (\$25 charge), use code letter D instead.

1. Inductance measured between pins 2 and 4 at 250 kHz, 0.1 Vrms, 0 Adc.
2. Storage and ambient operating temperature range: –40°C to +85°C.
3. Electrical specifications at 25°C.



Recommended Land Pattern



Weight: 10.6 g
Terminations: Matte tin over nickel over brass
Tape and reel: 250/13" reel 56 mm tape width
 For packaging data see Tape and Reel Specifications section.

Coilcraft®

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

Document 345 Revised 06/19/07

1102 Silver Lake Road Cary, Illinois 60013 **Phone** 847/639-6400 **Fax** 847/639-1469

E-mail info@coilcraft.com **Web** <http://www.coilcraft.com>