



# 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](http://www.coilcraft.com).

Part number <sup>1</sup>	Output power (W)	Input voltage range (V)	Output voltage (V)	Output current (A rms)	Primary inductance <sup>1</sup> 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**

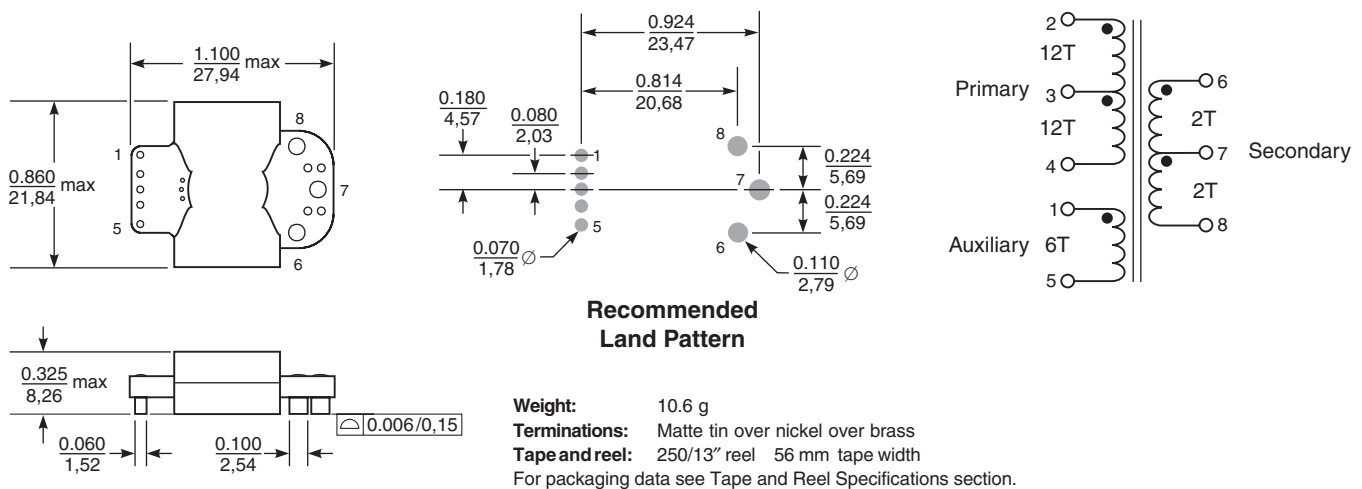
**Packaging:** D = 13" machine ready reel. EIA-481 embossed plastic tape (250 parts per full reel).

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.



**Coilcraft**<sup>®</sup>

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

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