



# SMT Planar Transformer – A0027-AL



Coilcraft's surface mount planar transformers are ideal for applications that require high efficiency in a low-profile package. Planar transformers offer high power densities along with great reliability and repeatability. The A0027-A is designed to perform in push-pull topologies operating at 200–300 kHz. The auxiliary winding can be used to control input current to PWMs.

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	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	
A0027-AL	10	36–75	3.3	2.0	1.30	3.5	1.13	0.042	0.331	1500

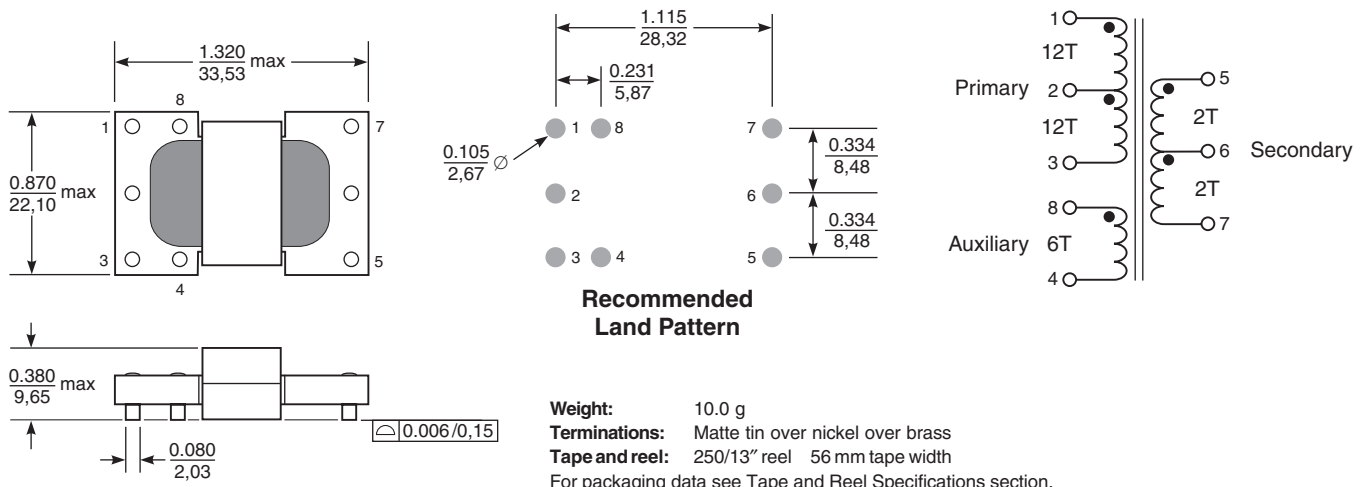
1. When ordering, please specify **packaging** code:

**A0027-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 1 and 3 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.



Specifications subject to change without notice. Please check our website for latest information. Document 299 Revised 06/19/07