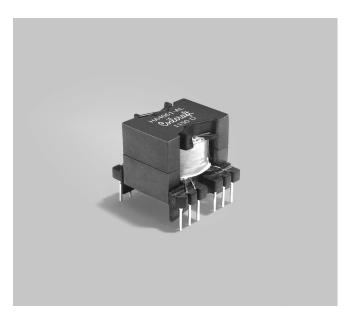


## Flyback Transformer For Linear Technology LT3751 Capacitor Charger Controller



- Flyback transformer for the Linear Technology LT3751 Capacitor Charger Controller
- 120 377 V input; up to 500 V output
- 3000 Vrms isolation from primary to secondary windings

## Core material Ferrite

Terminations RoHS tin-silver (96.5/3.5) over tin over nickel over phos bronze. Other terminations available at additional cost.

Ambient temperature -40°C to +85°C

Maximum part temperature +125°C (ambient + temp rise)

Storage temperature Component: -40°C to +125°C.

Tray packaging: -40°C to +80°C

Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

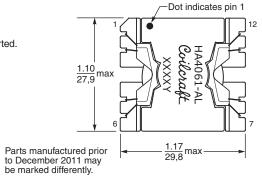
Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

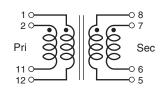
Packaging 64 per tray

**PCB washing** Tested with pure water or alcohol only. For other solvents, see Doc787\_PCB\_Washing.pdf.

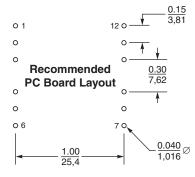
Part number	Inductance at 0 A <sup>1</sup> ±10% (µH)	Inductance at Ipk <sup>2</sup> min (µH)	DCR max (Ohms) <sup>3</sup>		Leakage inductance <sup>4</sup>	Turns ratio <sup>5</sup>	Ipk <sup>2</sup>	Volt-time product
			pri	sec	max (µH)	pri:sec	(A)	typ (V μsec)
ΗΔ4061-ΔΙ	125	112.5	0.203	1.40	0.17	1.3	5.0	625

- 1. Inductance is measured at 100 kHz, 0.1 Vrms.
- 2. Peak primary current drawn at minimum input voltage.
- 3. DCR is with the windings connected in parallel.
- 4. Leakage inductance is for both windings of the primary with the secondary windings shorted.
- 5. Turns ratios are with the primary and secondary windings connected in parallel.
- 6. Electrical specifications at 25°C.

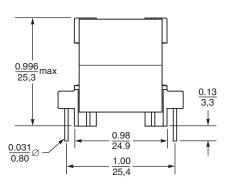




Primary windings and secondary windings to be connected in parallel on PC board.



Dimensions are in  $\frac{\text{inches}}{mm}$ 





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