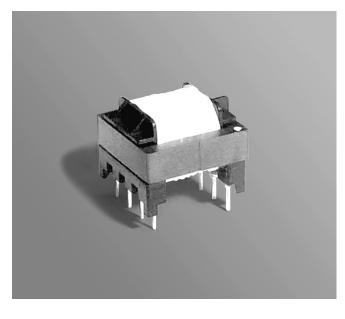


## Flyback Transformer For Linear Technology LT3799 Isolated LED Controller



- Developed for Linear Technology for use with their LT3799 Isolated LED Controller with active power factor correction
- Mounted on LT3799 Demo Board
- · Universal input; 24 Watt output
- 3000 Vrms, one minute primary to secondary isolation;
   500 Vrms, one minute primary to bias isolation

## Core material Ferrite

**Terminations** RoHS compliant tin-silver over tin over copper. Other terminations available at additional cost.

Weight 13.9 g

Ambient temperature -40°C to +85°C

Storage temperature Component: -40°C to +85°C.

Tray packaging: -40°C to +80°C

Moisture Sensitivity Level (MSL) 1 (unlimited floor life at  $<30^{\circ}$ C / 85% relative humidity)

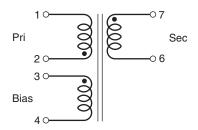
Failures in Time (FIT) / Mean Time Between Failures (MTBF) 38 per billion hours / 26,315,789 hours, calculated per Telcordia SR-332

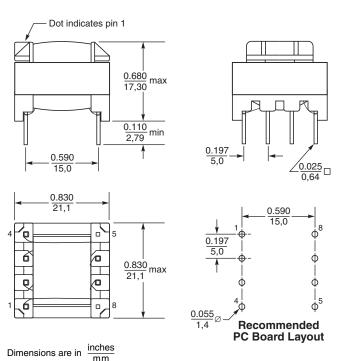
Packaging 100 per tray

PCB washing Only pure water or alcohol recommended

Part number	Inductance at 0 A¹ ±10% (µH)	Inductance min at Ipk <sup>2</sup> (µH)	DCR max (Ohms)	Leakage inductance max (µH) <sup>3</sup>		s ratio Pri : Bias	<b>Ipk</b> <sup>2</sup> ( <b>A</b> )	Output <sup>4</sup>
JA4429-AL	400	340	0.252 (Pri) 0.126 (Sec) 0.149 (Bias)	7.5	1:0.24	1:0.24	1.3	24 V, 1.0 A

- Inductance measured at 100 kHz, 0.1 Vrms, 0 Adc using an Agilent/ HP 4263B impedance analyzer or equivalent.
- 2. Peak primary current drawn at minimum input voltage.
- Leakage inductance is for the primary and is measured with the secondary shorted.
- 4. Output is for the secondary. Bias winding output is 24 V, 20 mA.
- 5. Electrical specifications at 25°C.







US +1-847-639-6400 sales@coilcraft.com
UK +44-1236-730595 sales@coilcraft-europe.com
Taiwan +886-2-2264 3646 sales@coilcraft.com.tw
China +86-21-6218 8074 sales@coilcraft.com.cn
Singapore + 65-6484 8412 sales@coilcraft.com.sg

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