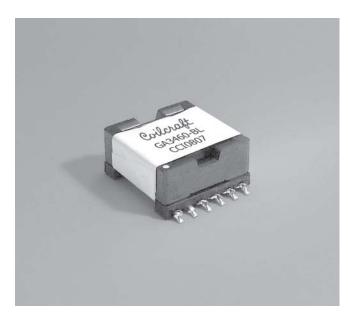


## Flyback Transformers For Linear Technology LT3751 Capacitor Charger Controller



- Flyback transformer for the Linear Technology LT3751 Capacitor Charger Controller
- For charging capacitors to 500 V
- GA3459-BL: 5 24 V input GA3460-BL: 12 - 24 V input
- 1500 Vrms isolation from primary to secondary windings

Core material Ferrite

Terminations RoHS tin-silver over tin over nickel over phos bronze. Other terminations available at additional cost.

Weight 24.2 - 27.5 g

Ambient temperature -40°C to +125°C

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

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)

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

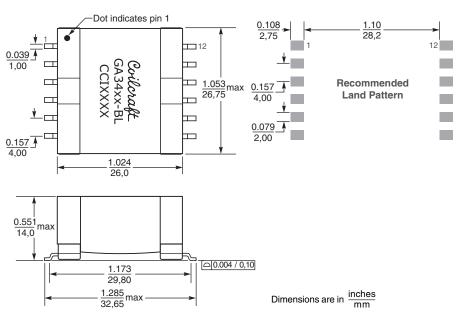
Packaging 24 per tray

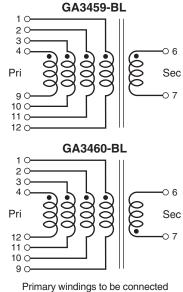
PCB washing Only pure water or alcohol recommended

Part	Inductance at 0 A <sup>1</sup>	Inductance at Ipk <sup>2</sup>	DCR max (mOhms) <sup>3</sup>		Leakage inductance <sup>4</sup>	Turns ratio <sup>5</sup>	Ipk <sup>2</sup>
number	±10% (µH)	min (μH)	pri	sec	max (µH)	pri : sec	(A)
GA3459-BL	5.0	4.25	7.70	515	0.10	1:10	20
GA3460-BL	2.5	2.25	5.63	400	0.06	1:10	50

- 1. Inductance is measured at 50 kHz, 0.1 Vrms.
- 2. Peak primary current drawn at minimum input voltage.
- 3. DCR for the primary is with the windings connected in parallel.
- 4. Leakage inductance is for one winding of the primary with the secondary winding shorted.
- 5. Turns ratios are with the primary windings connected in parallel.
- 6. Electrical specifications at 25°C.

Refer to Doc 362 "Soldering Surface Mount Components" before soldering.





in parallel on PC board.

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

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