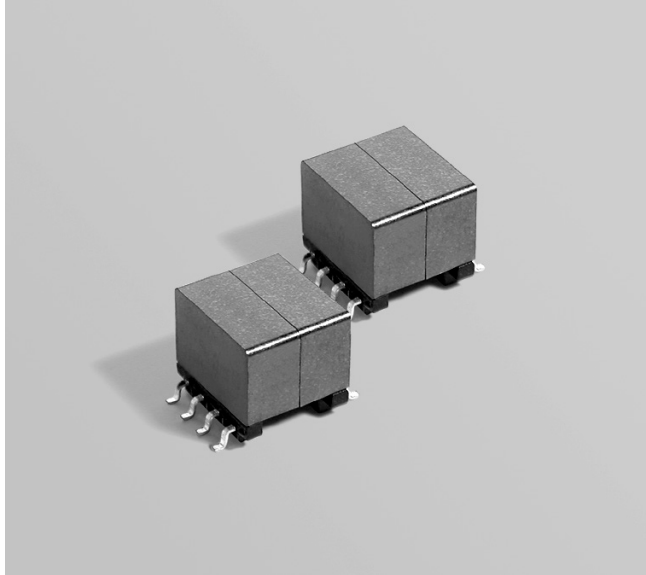


Flyback Transformer

For Linear Technology LT3573
Isolated Flyback Converter



- Designed for the LT3573 Isolated Flyback Converter
- 1500 Vrms isolation from primary and bias to secondary; 500 Vrms isolation from primary to bias, tested for one minute
- The bias winding provides power to the chipset

Core material Ferrite

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

Weight 3.9 to 4.1 g

Ambient temperature -40°C to $+85^{\circ}\text{C}$

Storage temperature Component: -40°C to $+85^{\circ}\text{C}$.

Tape and reel packaging: -40°C to $+80^{\circ}\text{C}$

Resistance to soldering heat Max three 40 second reflows at $+260^{\circ}\text{C}$, parts cooled to room temperature between cycles

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

Packaging 250 per 13" reel. Plastic tape: 32 mm wide, 0.5 mm thick, 20 mm pocket spacing, 11.2 mm pocket depth

PCB washing Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf

Part number ¹	Inductance at 0 A ² $\pm 10\%$ (μH)	Inductance at Ipk ³ min (μH)	DCR max (mOhms) ⁴			Leakage inductance max (μH) ⁵	Turns ratio ⁶			Ipk ³ (A)	Input voltage (V)	Output ⁷
			pri	sec	bias		pri	sec	bias			
GA3429-BL_	24.0	21.6	95	7.5	123	0.566	4	1	1	2.1	20 – 28	3.3 V, 1.5 A

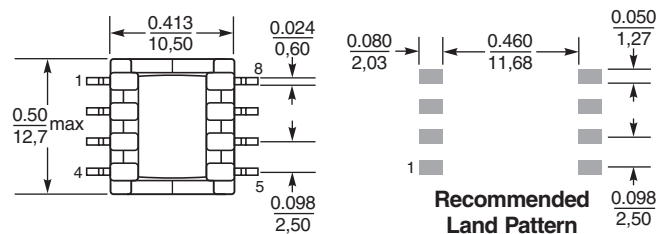
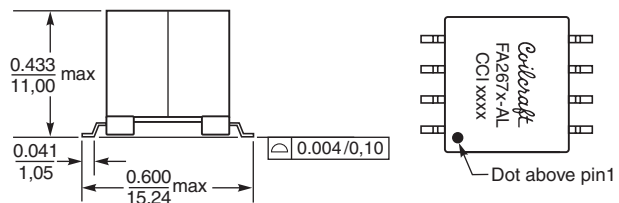
1. When ordering, please specify **packaging** code:

GA3429-BLD

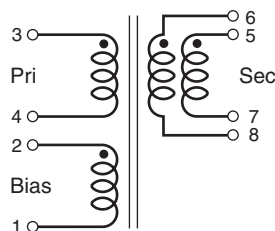
Packaging: D = 13" machine-ready reel. EIA-481 embossed plastic tape (250 parts per full reel). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer (\$25 charge).

B = Less than full reel. In an effort to simplify our part numbering system, Coilcraft is eliminating the need for multiple packaging codes. When ordering, simply change the last letter of your part number from B to D.

- Inductance is for the primary, measured at 250 kHz, 0.3 Vrms, 0 Adc.
 - Ipk is peak primary current drawn at minimum input voltage.
 - DCR for the secondary is per winding.
 - Leakage inductance measured between pins 3 and 4 with all secondary pins shorted.
 - Turns ratio is with the secondary windings connected in parallel.
 - Output is with the secondary windings connected in parallel. Bias winding output: 3.3 V, 20 mA.
 - Electrical specifications at 25°C.
- Refer to Doc 362 "Soldering Surface Mount Components" before soldering.



Dimensions are in inches
mm



Secondary windings to be connected in parallel on PCB board



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