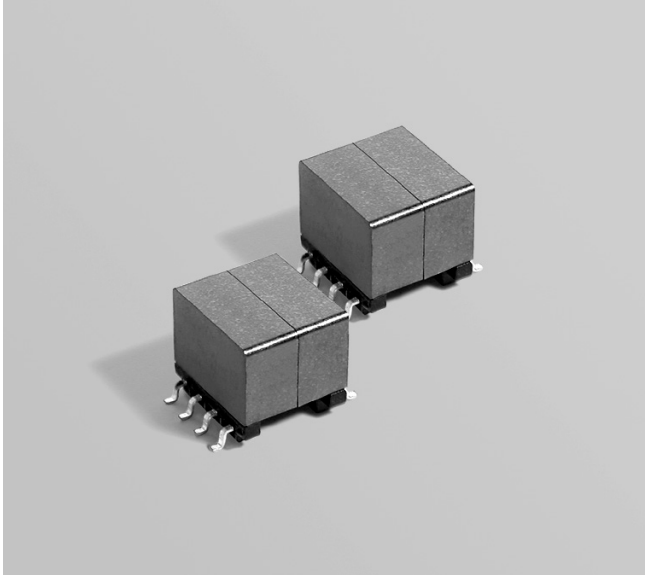




Flyback Transformer

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°C

Storage temperature Component: -40°C to +85°C.
Tape and reel 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 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 ±10% (µH)	Inductance at Ipk ³ min (µH)	DCR max (mOhms) ⁴			Leakage inductance max (µH) ⁵	Turns ratio ⁶ pri : sec : bias	Ipk ³ (A)	Input voltage (V)	Output ⁷
			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

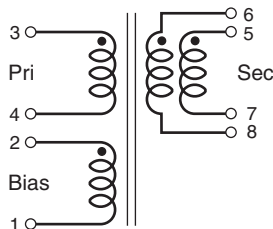
1. When ordering, please specify **packaging** code:

GA3429-BLD

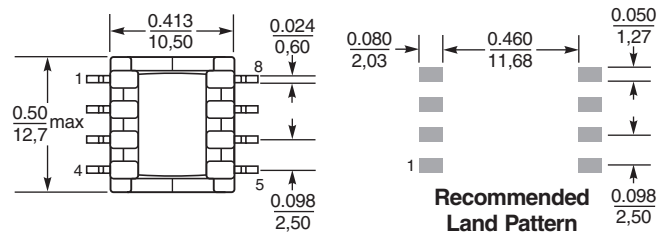
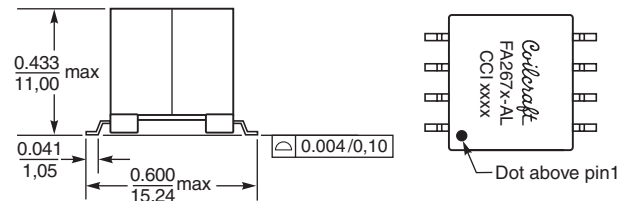
Packaging: D = 13" machine-ready reel. EIA-481 embossed plastic tape (250 parts per full reel).

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.

- 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.



Secondary windings to be connected in parallel on PC board



Dimensions are in inches
mm

Recommended Land Pattern



www.coilcraft.com

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

Document 733 Revised 05/04/09

© Coilcraft Inc. 2013

This product may not be used in medical or high risk applications without prior Coilcraft approval. Specification subject to change without notice. Please check web site for latest information.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power Transformers](#) category:

Click to view products by [Coilcraft](#) manufacturer:

Other Similar products are found below :

[1-1672275-3](#) [A41-43-20A20](#) [DST5-120B39](#) [14A-56-36B42](#) [EN2997SE61808F8](#) [9-1611461-2](#) [29768](#) [1654308-1](#) [170R](#) [ST2-12B42](#) [ST3-12B5](#) [ST6118T-R](#) [PE-68421NL](#) [PL2.5-12-130B-C](#) [PoE4W3x5.0-R](#) [POE7W3X3.3-R](#) [4000-20C02K999](#) [4001-09W15AE777](#) [48RO-5000G-SIL](#) [TRA-0130-R](#) [XON7-15/2](#) [47045010](#) [1-1611462-6](#) [1-1611760-0](#) [EN2997SE61808F9](#) [OPT110F-EAS00004AU](#) [XON25-9/24](#) [XON01349](#) [XON01200](#) [XDCA001/INER01](#) [PE-68414NL](#) [F-91X](#) [F-29U](#) [DST4-16B10](#) [DP241-8-24A55](#) [DP241-5-10A21](#) [P-8577](#) [T50-24M3](#) [1-1672277-2](#) [1-1672277-0](#) [1-1672275-5](#) [1-1672275-0](#) [4000-01V18BC999](#) [PC-24-180B18](#) [750315837](#) [750315125](#) [POE13W2VERS-R](#) [PA2380NL](#) [14A-10-12B9](#) [PE-68411NL](#)