

# SMT FLYBACK TRANSFORMER FOR PHOTOFFLASH CAPACITOR CHARGER For use with Linear Technology's LT3420



**Pulse**  
A TECHNITROL COMPANY



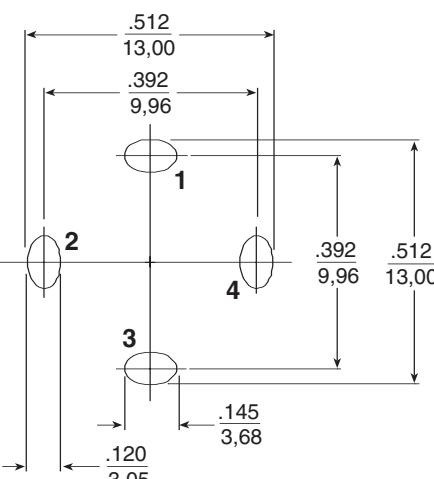
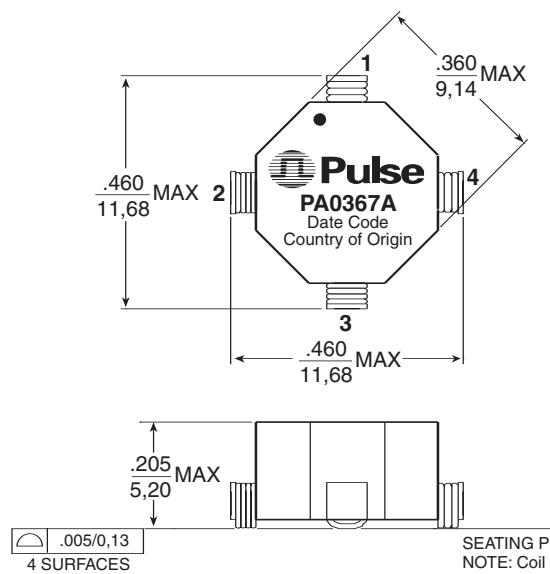
- Lowest cost transformer solution
- Optimized design for lowest leakage inductance and secondary side capacitance
- Smallest footprint available: 9.1mm x 9.1mm maximum
- Low profile - height is .205" (5,20mm) maximum

## Electrical Specifications @ 25°C — Operating Temperature -40°C to 130°C

Pulse Number	Inductance @ Irated (μH MIN)	Irated (Adc)	Turns ratio (Pri:Sec)	Leakage Inductance (μH MAX)	DCR		Primary Secondary Isolation
					Primary (mΩ MAX)	Secondary (Ω MAX)	
PA0367A	18	1.5	1:12	0.75	180	18	500Vrms

NOTES: The **PA0367A** is a modified version of the Pulse **PA0367** which was tested and approved by Linear Technology for use with the LT3420. The **PA0367** has now been discontinued. the **PA0367A** has the same mechanical footprint and size as the **PA0367** and meets the requirements of the LT3420 specifications.

## Mechanical



### SUGGESTED PAD LAYOUT

SEATING PLANE  
NOTE: Coil must clear seating plane by a minimum of .010 inches.

Weight ..... 0.8 grams  
Tape & Reel ..... 400/reel  
Dimensions: Inches  
mm  
Unless otherwise specified, all tolerances are  $\pm 0.10$   
 $0.25$

## For More Information :

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12220 World Trade Drive San Diego, CA 92128 U.S.A. <a href="http://www.pulseeng.com">http://www.pulseeng.com</a> TEL: 858 674 8100 FAX: 858 674 8262	3 Huxley Road Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 6287 8998 FAX: 65 6280 0080	3F-4, No. 81, Sec. 1 HsinTai Wu Road Hsi-Chih, Taipei Hsien Taiwan, R.O.C. Tel: 886 2 2698 0228 FAX: 886 2 2698 0948	9/F, Phase 2, Tai Sang Shatin Warehouse Centre 6 Wong Chuk Yeung Street Fotan, Shatin, Hong Kong TEL: 852 2788 6588 FAX: 852 2776 1055	

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