

# SMT FLYBACK TRANSFORMER FOR PHOTOFLASH CAPACITOR CHARGER

## For use with Linear Technology's LT3420



- 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

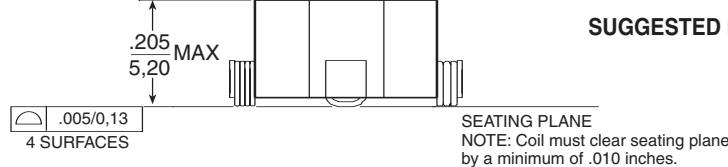
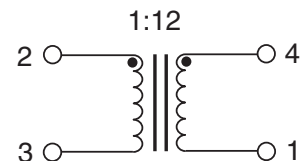
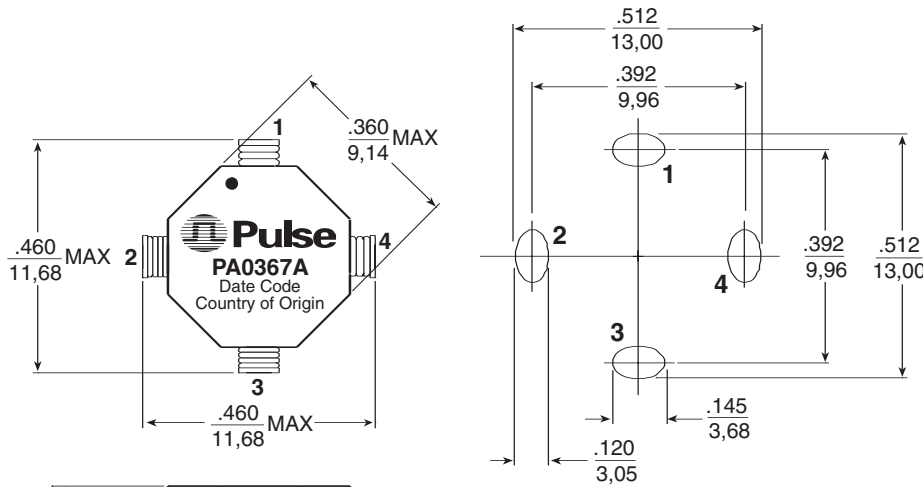
### Electrical Specifications @ 25°C — Operating Temperature -40°C to 130°C

Pulse Number	Inductance @ Irated (μH MIN)	Irated (A dc)	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

### Schematic



Weight .....0.8 grams  
Tape & Reel .....400/reel

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{.025}$

### For More Information :

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