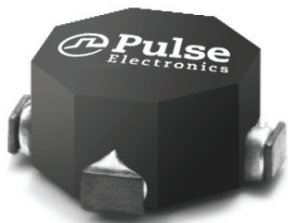
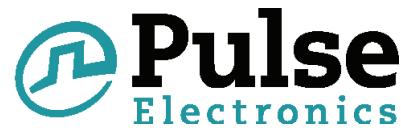


SMT Flyback Transformer For PhotoFlash Capacitor Charger

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

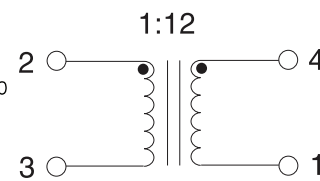
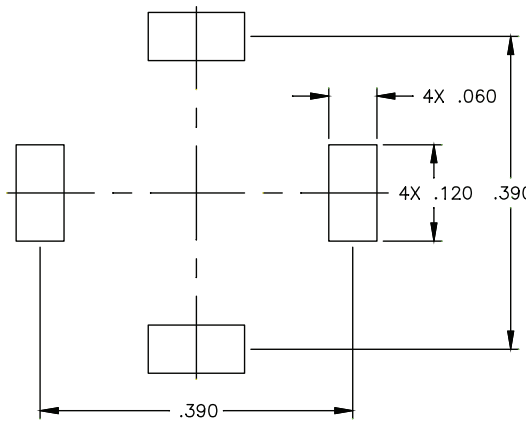
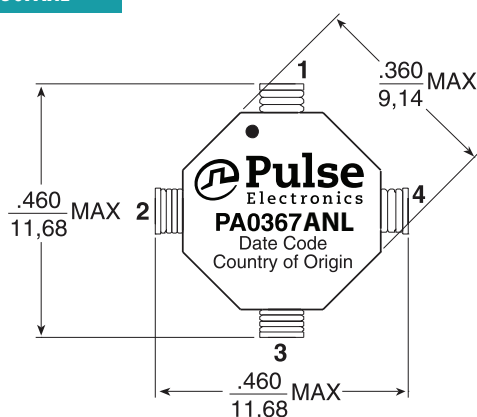
Part Number	Inductance @ Irated (μH MIN)	Irated (Adc)	Turns Ratio (Pri:Sec)	Leakage Inductance (2-3 with 4-1 shorted) (μH MAX)	DCR		Primary Secondary Isolation
					Primary (mΩ MAX)	Secondary (Ω MAX)	
PA0367ANL	18	1.5	1:12	0.75	160	18	500Vrms

Notes: The PA0367ANL 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 PA0367ANL has the same mechanical footprint and size as the PA0367 and meets the requirements of the LT3420 specifications. Add suffix T to the part number (PA0367ANLT) to order in tape and reel.

Mechanical

Schematic

PA0367ANL



SUGGESTED PAD LAYOUT

Weight0.8grams
Tape & Reel400/reel

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

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

.005/0,13
4 SURFACES

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

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