

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

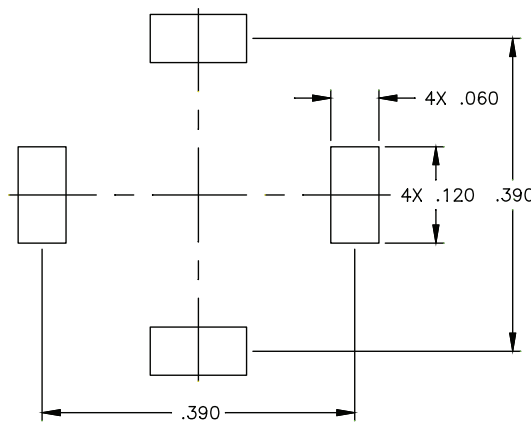
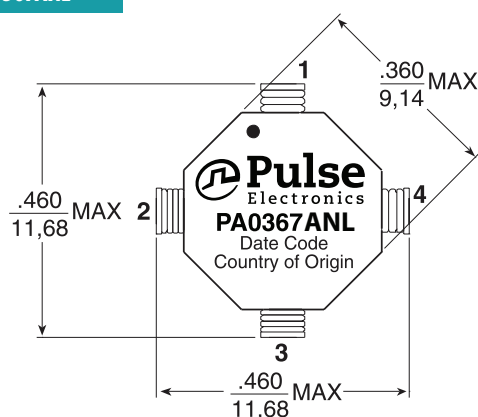
Part Number	Inductance @ Irated (μH MIN)	Irated (Adc)	Turns Ratio (Pri:Sec)	Leakage Inductance (2-3 with 4-1 shorted) (μH MAX)	DCR		Primary Secondary Isolation
					Primary (mΩ MAX)	Secondary (Ω MAX)	
PA0367ANL	18	1.5	1:12	0.75	160	18	500Vrms

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.

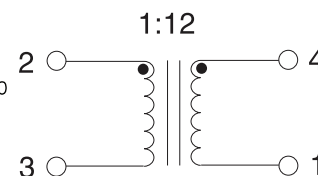
Mechanical

Schematic

PA0367ANL



SUGGESTED PAD LAYOUT



Weight0.8grams

Tape & Reel400/reel

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

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

For More Information

Pulse Worldwide Headquarters

12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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