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SMT Flyback Transformer For PhotoFlash Capacitor Charger

For Use with Linear Technology's LT3420

Pulse Electronics

RoHS COMPLIANT



- *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*

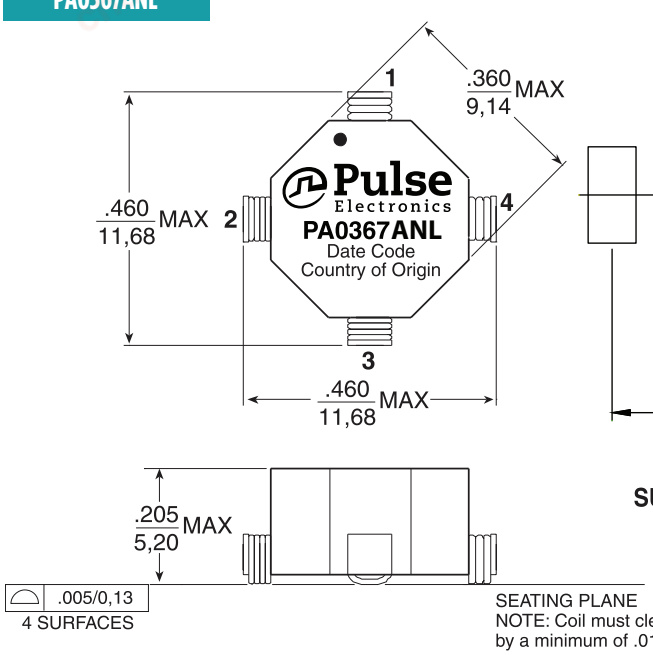
Electrical Specifications @ 25°C – Operating Temperature -40°C to +130°C

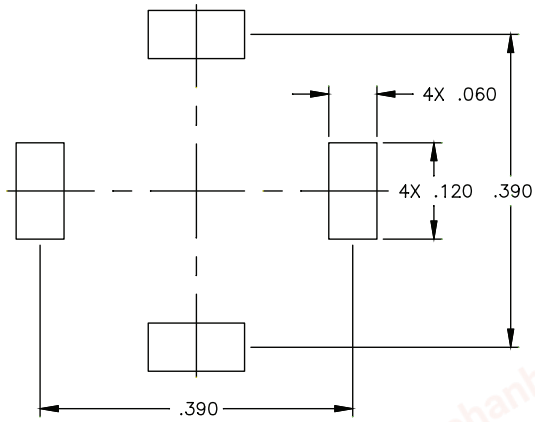
Part Number	Inductance @ Irated (µH MIN)	Irated (Adc)	Turns Ratio (Pri:Sec)	Leakage Inductance (2-3 with 4-1 shorted) (µH MAX)	DCR Primary (mΩ MAX)	DCR Secondary (Ω MAX)	Primary Secondary Isolation
PA0367ANL	18	1.5	1:12	0.75	160	18	500Vrms

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

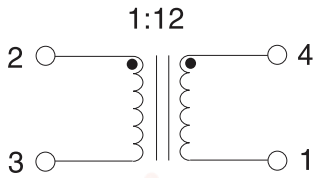
PA0367ANL





SUGGESTED PAD LAYOUT

Schematic



Weight 0.8grams
Tape & Reel 400/reel

Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

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