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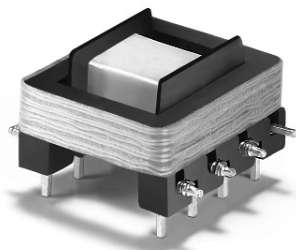
[Pulse Electronics Corporation](#)

[PE-68488NL](#)

For any questions, you can email us directly:

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# FLYBACK TRANSFORMER FOR LT<sup>®</sup>1171<sup>™</sup>



Designed for use with Linear Technology's LT<sup>®</sup>1171<sup>™</sup> in power supplies for Subscriber Line Interface Circuits



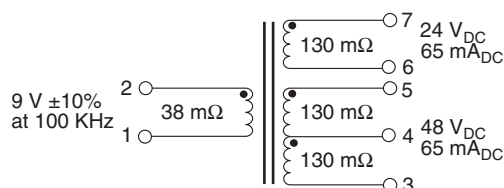
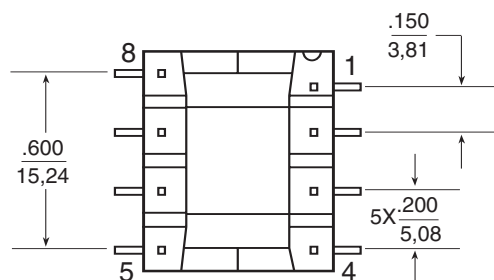
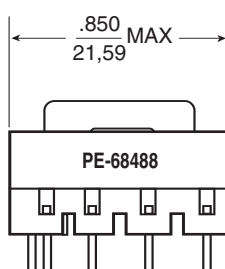
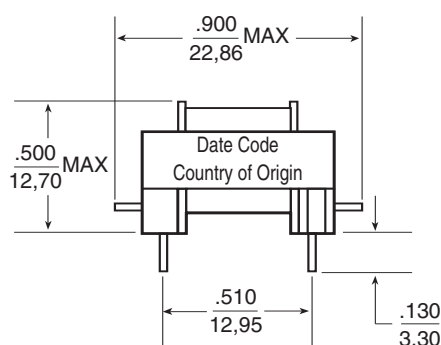
Turns ratio 1:1:1:1 with low leakage inductance  
Performance verified by Linear Technology Corporation

## Electrical Specifications @ 25°C — Operating Temperature -30°C to +130°C

| Part Number | Turns Ratio | Primary Inductance (μH) | Leakage Inductance (μH) | DCR (mΩ)                   | Hipot (V <sub>RMS</sub> ) |
|-------------|-------------|-------------------------|-------------------------|----------------------------|---------------------------|
| PE-68488    | 1:1:1:1     | 36 ± 25%                | 0.30 MAX                | (See schematic and note 1) | (See note 2)              |

## Mechanical

## Schematic



**FLYBACK TRANSFORMER**  
(approximately 10° C temperature rise)

### NOTES:

- DCR's listed are nominal. Maximum DCR's are 20% over nominals.
- Primary (1-2) to Secondaries (6-7) and (3-5): 1000 Vrms, 2 seconds.  
Secondary (3-5) to Secondary (6-7): 200 Vrms, 2 seconds.
- Through-hole pins are .025 inches square.
- LT<sup>®</sup>1171<sup>™</sup> is a trademark of Linear Technology Corporation.

Weight ..... .7 grams  
Tray ..... .50/tray

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

Unless otherwise specified all tolerances are ±  $\frac{.010}{0.25}$

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