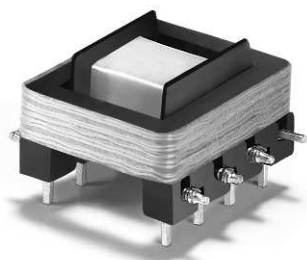


# FLYBACK TRANSFORMER FOR LT<sup>®</sup>1171<sup>™</sup>



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



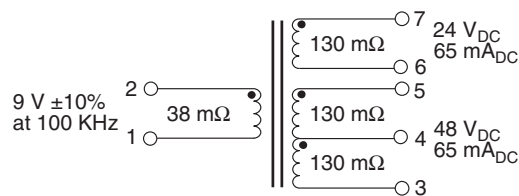
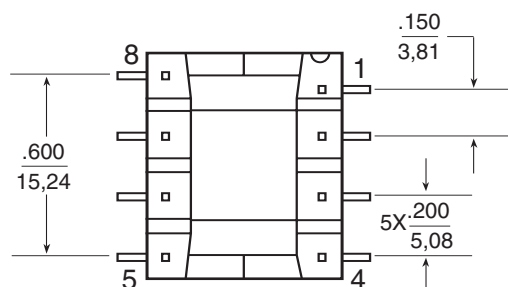
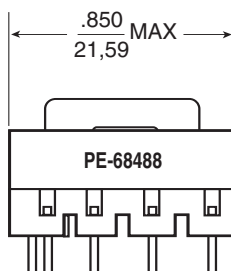
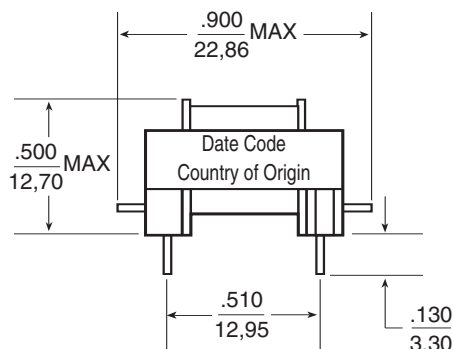
Turns ratio 1:1:1:1 with low leakage inductance  
Performance verified by Linear Technology Corporation

## 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:

1. DCR's listed are nominal. Maximum DCR's are 20% over nominals.
2. 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.
3. Through-hole pins are .025 inches square.
4. 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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