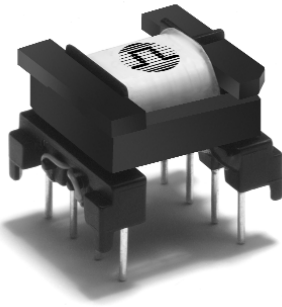


# POWER TRANSFORMERS

## For ST Microelectronics Viper 12A



**NEW!**



- AC/DC converter for use with ST Microelectronics Viper 12 A
- 6 volts output (secondary regulation)
- Power: 5 W
- EE13 format, UL 94 V-0 materials
- 2500 Vrms isolation
- Full range AC, secondary winding with triple isolation wire

### Electrical Specifications @ 25°C — Operating Temperature -20°C to +85°C

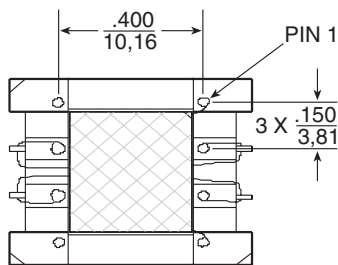
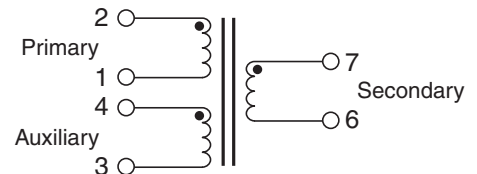
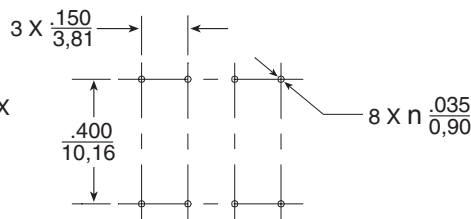
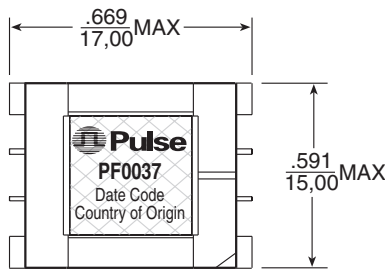
Part Number	Mounting	Turns Ratio (Pri:Sec)	Turns Ratio (Pri:Aux)	OCL @ 50 kHz/25°C (μH MIN ±20%)	L <sub>L</sub> @ 50 kHz/100mV (μH MAX)	Primary Capacitance	Isolation* Voltage
PF0037	THT	7.20	2.73	2500	75	<50 pF	2500 Vrms

\*NOTE: An EN60950 reinforced isolation version of this transformer is also available along with other output voltages. Please contact Pulse Applications Engineering for further information.

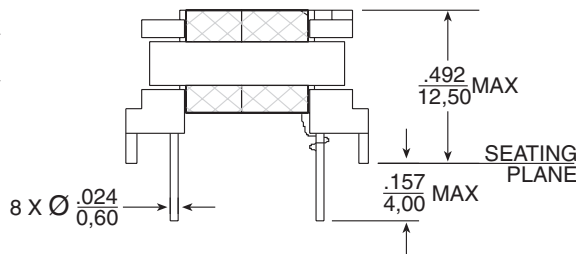
### Mechanical

### Schematic

**PF0037**



### SUGGESTED PCB LAYOUT



Weight ..... 3.6 grams  
 Tray ..... 75/tray  
 Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0,25}$

### For More Information :

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