

# SMT FLYBACK TRANSFORMERS

## For National's 100kHz Simple Switcher™



- Designed for use with National's device numbers LM2585/86 and LM2587/88
- Performance verified by National Semiconductor

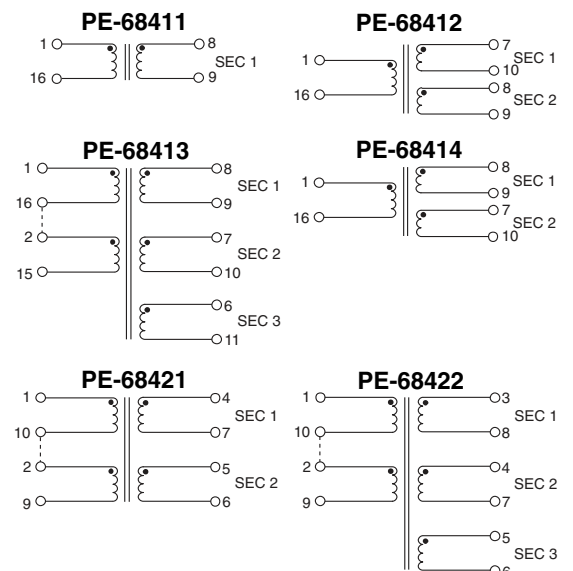
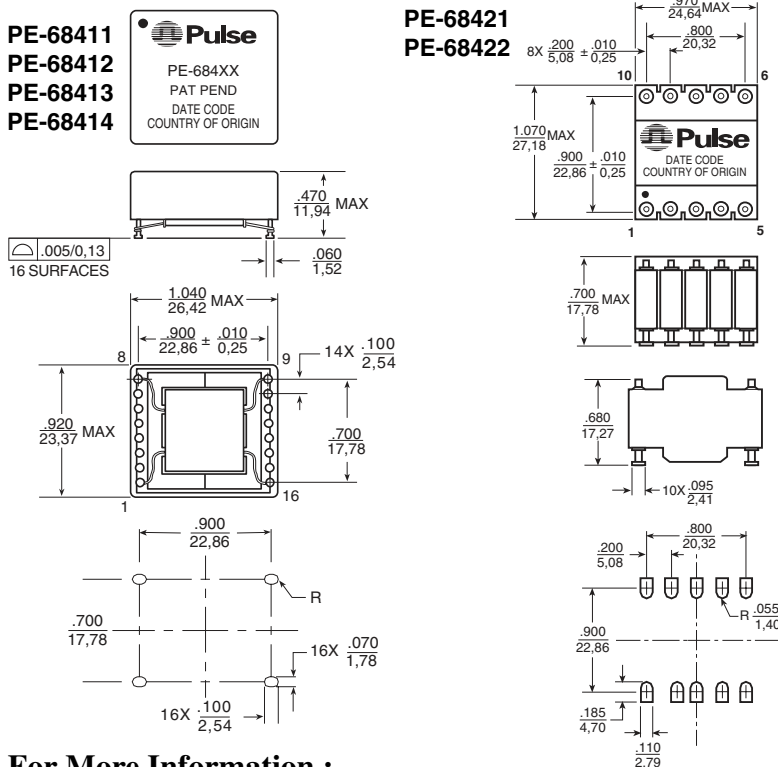
### Electrical Specifications @ 25°C — Operating Temperature -40°C to 130°C

Part Number	LP (μH NOM)	I <sub>IN</sub> peak (Vdc)	V <sub>IN</sub> (Vdc)	V <sub>OUT 1</sub> (Vdc)	V <sub>OUT 2</sub> (Vdc)	V <sub>OUT 3</sub> (Vdc)	I <sub>OUT 1</sub>	I <sub>OUT 2</sub>	I <sub>OUT 3</sub>	Turns Ratio	DCR Primary (Ω MAX)	DCR Sec 1 (Ω MAX)	DCR Sec 2 (Ω MAX)	DCR Sec 3 (Ω MAX)
PE-68411	22	4.85	4-6	3.3	—	—	1.8	—	—	1:1	0.04	0.04	—	—
				5	—	—	1.4	—	—					
				12	—	—	1.2	—	—					
PE-68412	22	5.00	4-6	12	-12	—	0.3	0.3	—	1:2.5:2.5	0.04	0.5	0.5	—
PE-68413	66	2.99	18-36	5	12	-12	1.8	0.25	0.25	1:0.5:1.15:1.15	0.03	0.04	0.80	0.80
PE-68414	65	2.98	18-36	12	-12	—	0.63	0.63	—	1:1.2:1.2	0.055	0.25	0.25	—
PE-68421	85	4.90	18-36	12	-12	—	1	1	—	1:0.8:0.8	0.12	0.22	0.22	—
PE-68422	85	4.92	18-36	5	12	-12	2.5	0.5	0.5	1:0.35:0.8:0.8	0.14	0.025	0.25	0.25

NOTE: Simple Switcher™ is a trademark of National Semiconductor Corporation.

### Mechanicals

### Schematics



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

### For More Information :

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