## **POWER TRANSFORMERS** For TinySwitch™ TNY253, TNY254 and TNY255





- Designed for use with Power Integration TNY253, TNY254 and TNY255 in low cost AC to DC converters for a large range of applications
  - 4000 Vrms isolation
  - Materials meet UL 94V-0 and IEC 950
  - No audible noise
  - Only two parts to cover a large range of output voltage

Electrical Specifications @ $25^{\circ}$ C — Operating Temperature - $30^{\circ}$ C to + $110^{\circ}$ C									
Part Number	Turns Ratio	Leakage Inductance (µH)	Matched To	Power	Applications				
P5000NL	1:0.07:0.07	180 MAX	TNY253	Up to 2 W	AC: 85 to 265 Vac, 2 DC outputs from 3.3 Vdc up to 6 Vdc or 1 DC output from 6 Vdc up to 12 Vdc				
P5001NL	1:0.1:0.1	180 MAX	111233		AC: 85 to 265 Vac, 2 DC outputs from 6 Vdc up to 12 Vdc or 1 DC output from 12 Vdc up to 24 Vdc				
P5004NL	1:0.07:0.07	200 MAX	TNY254	Up to 4 W	AC: 85 to 265 Vac, 2 DC outputs from 3.3 Vdc up to 5.5 Vdc or 1 DC output from 6 Vdc up to 12 Vdc				
P5005NL	1:0.1:0.1	200 MAX	111234		AC: 85 to 265 Vac, 2 DC outputs from 6 Vdc up to 10 Vdc or 1 DC output from 12 Vdc up to 24 Vdc				
P5008NL	1:0.07:0.07	100 MAX	TNY255	Up to 5.5 W	AC: 85 to 265 Vac, 2 DC outputs from 3.3 Vdc up to 6 Vdc or 1 DC output from 6 Vdc up to 18 Vdc				
P5009NL	1:0.1:0.1	100 MAX	111255		AC: 85 to 265 Vac, 2 DC outputs from 6 Vdc up to 12 Vdc or 1 DC output from 12 Vdc up to 24 Vdc				

## Mechanical



## Schematic



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