

## 阅读申明

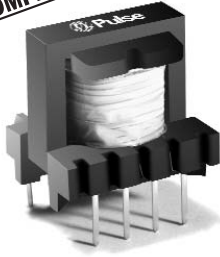
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# POWER TRANSFORMERS

## For TinySwitch™ TNY253, TNY254 and TNY255



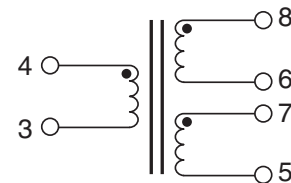
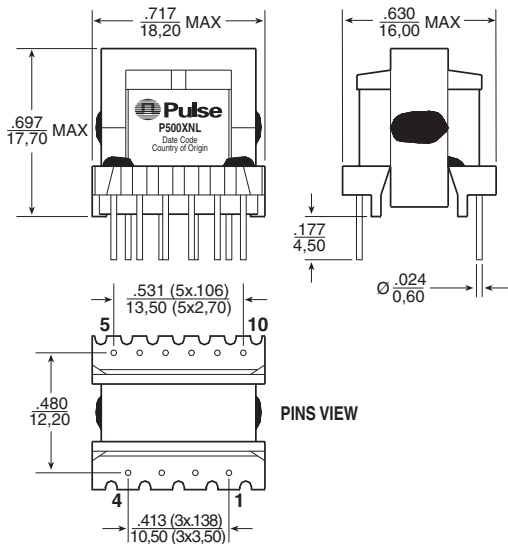
-  Designed for use with Power Integration TNY253, TNY254 and TNY255 in low cost AC to DC converters for a large range of applications
-  4000 Vrms isolation
-  Materials meet UL 94V-0 and IEC 950
-  No audible noise
-  Only two parts to cover a large range of output voltage

### Electrical Specifications @ 25°C — Operating Temperature -30°C to +110°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			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			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			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



Weight . . . . .6.7 grams  
 Tray . . . . .40/tray  
 Dimensions: Inches  
 mm  
 Unless otherwise specified, all tolerances are ± .010  
 .025

### For More Information:

**Pulse Worldwide Headquarters**  
 12220 World Trade Dr.  
 San Diego, CA 92128  
 U.S.A.  
[www.pulseeng.com](http://www.pulseeng.com)

**Pulse Europe**  
 Einsteinstrasse 1  
 D-71083 Herrenberg  
 Germany

**Pulse China Headquarters**  
 B402, Shenzhen  
 Tech-Innovation International  
 Tenth Kejian Rd.  
 High-Tech Industrial Park  
 Nanshan District, Shenzhen  
 China  
 Tel: 86 755 33966678  
 Fax: 86 755 33966700

**Pulse North China**  
 Room 1503  
 XinYin Building  
 No. 888 YiShan Rd.  
 Shanghai 200233  
 China  
 Tel: 86 21 54643211/2  
 Fax: 86 21 54643210

**Pulse South Asia**  
 150 Kampong Ampat  
 #07-01/02  
 KA Centre  
 Singapore 368324

**Pulse North Asia**  
 No. 26  
 Kao Ching Rd.  
 Yang Mei Chen  
 Tao Yuan Hsien  
 Taiwan, R. O. C.

Tel: 858 674 8100  
 Fax: 858 674 8262

Tel: 49 7032 7806 0  
 Fax: 49 7032 7806 12

Tel: 86 21 54643211/2  
 Fax: 86 21 54643210

Tel: 65 6287 8998  
 Fax: 65 6280 0080

Tel: 886 3 4641811  
 Fax: 886 3 4641911

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