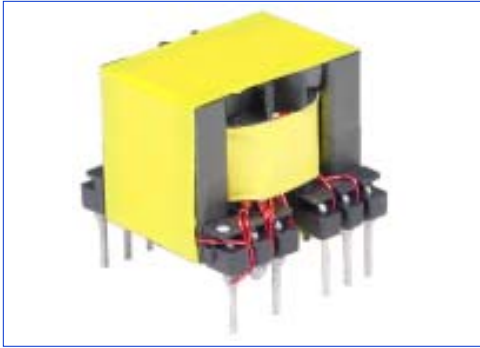


FLYBACK POWER TRANSFORMER

For use with Power Integrations TOPSwitch®-GX



P3170



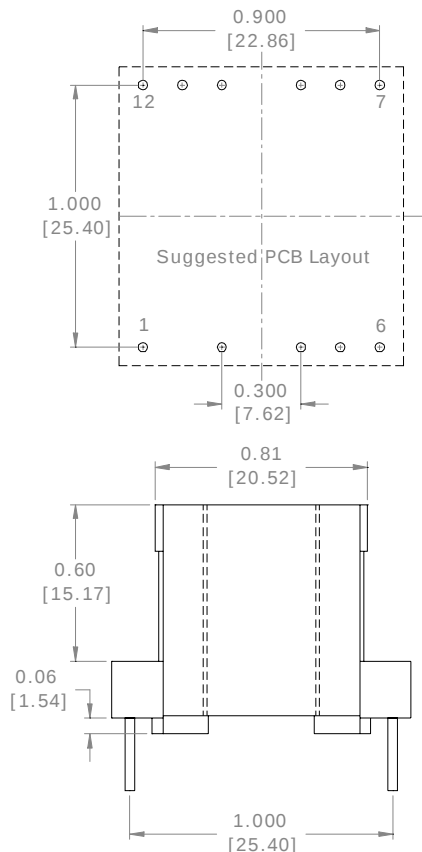
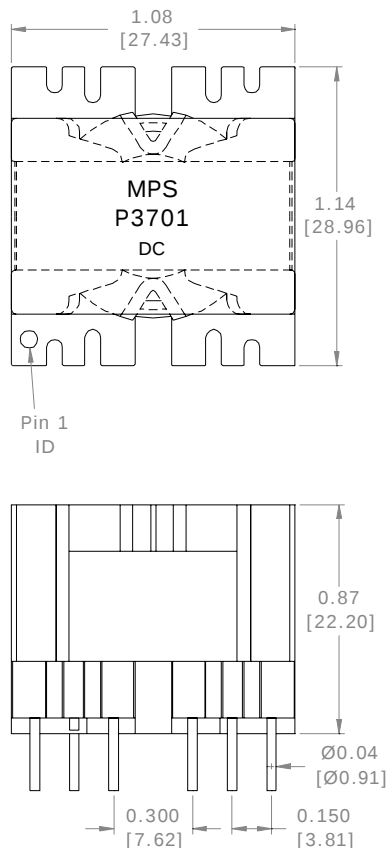
- Designed for Power Integrations TOP249Y chipset
- PQ26/20 platform
- 70 Watts power handling capability
- Minimum interwinding breakdown voltage of 1500Vrms
- Operating temperature: -20°C to +85°C
- Materials meet UL94V-0 requirements

ELECTRICAL SPECIFICATION @ 25°C

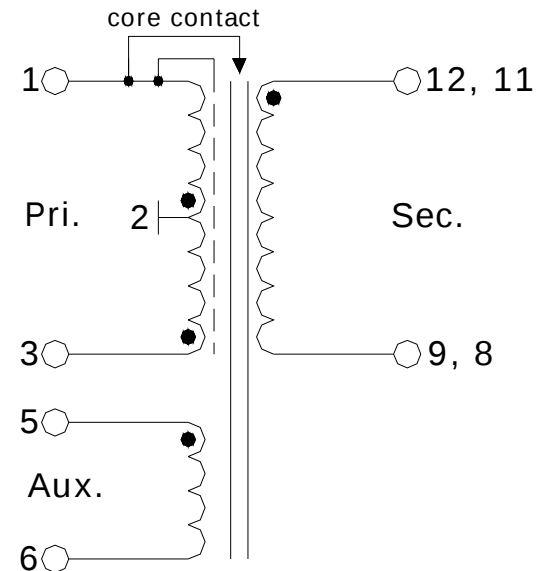
ParNumber	Turns Ratio (Pri.:Sec.:Aux.)	Pri. Inductance	Pri. Leakage Inductance	Pri. Resonant Frequency	Current RMS			DCR		
		($\mu\text{H} \pm 10\%$)	($\mu\text{H} \text{ max.}$)	(MHz min.)	(Amp. typ.)			($\Omega \text{ max.}$)		
		@ 130KHz 0.1Vrms	@ 130KHz 0.1Vrms		Pri.	Sec.	Aux.	Pri.	Sec.	Aux.
P3170	18ct:3:2	270	2.5	1.3	1.3	6.2	0.5	.08	.006	.015

• Other turns ratios can be developed on request. Please contact MPS Engineering Team for further information.

Mechanical



Schematic



Dimensions

Unless otherwise specified, all tolerances are:
 .XX $\pm$ 0.010" & .XXX $\pm$ 0.003"
 Inches
 [mm]

P3170-A
0448TA

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Product performance is limited to specified parameter. Data is subject to change without prior notice.