

Continuous/Discontinuous Flyback Transformer



Multiple Output Transformer



- Frequency Range: 80 kHz to 250 kHz
- Isolation (Secondary to Primary): 2550 VDC
- Height: 1.36 Inch MAX
- Class F Insulation
- Dual Primary Interleave for lower Leakage Inductance

Electrical Specifications @ 25°C - Operating Temperature -40°C to +155°C

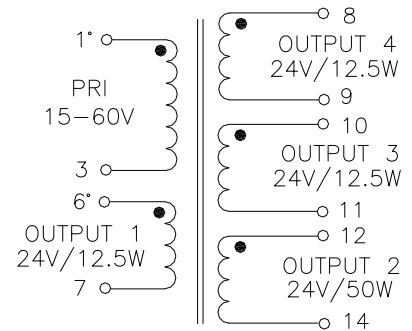
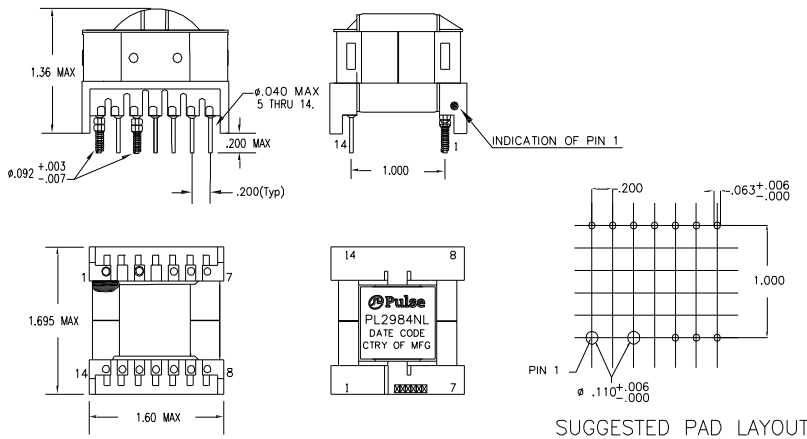
Part Number	Primary Inductance (uH)	Primary Leakage Inductance (nH MAX)	Turns Ratio (Test on Ungapped core)						DCR (mΩ MAX)			Hi-Pot (VDC 6S)		
	(1-3) (-40°C to +125°C)	(1-3)	(1-3) (6-7)	(1-3) (8-9)	(1-3) (10-11)	(1-3) (12-14)	(6-7) (8-9)	(6-7) (10-11)	(6-7) (12-14)	(1-3)	(6-7) (8-9) (10-11)	(12-14)	All windings To core; Pri To Outputs;	Between any two outputs
PL2984NL	4.64-5.64	200.00	1.25	1.25	1.25	1.25	1.0	1.0	1.0	2.6	25.0	2.6	2550.0	2550.0

Notes: 1. ET max 117V-usec. Typical frequency 200 kHz. MSL 1. 2. Part is designed for temperature rise: 45°C MAX. 3. Storage temperature: -55°C to 155°C.

Mechanical

Schematic

PL2984NL



67W MAX COMBINED TOTAL OUTPUT

Weight 87.0 grams
 Tray 15Pcs/tray
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

Between all windings and between all windings and core, this part is designed to comply with spacing (creepage and clearance) and insulation requirements for reinforced insulation up to a working voltage of 160VRMS per IEC60664-1. The part is intended for equipment energized from low voltage mains with rated impulse voltage up to 2500V. Clearances are adjusted for altitude up to 3000 meters. Parts are 100% HIPOT tested in production. All insulating materials meet or exceed flammability classification UL94V - 0.

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