Continuous/Discontinuous Flyback Transformer

Multiple Output Transformer

- *Frequency Range: 80 kHz to 250 kHz*
- *Isolation (Secondary to Primary): 5100 VDC*
- *Height: 1.36 Inch MAX*
- *Class F Insulation*
- *Dual Primary Interleave for lower Leakage Inductance*

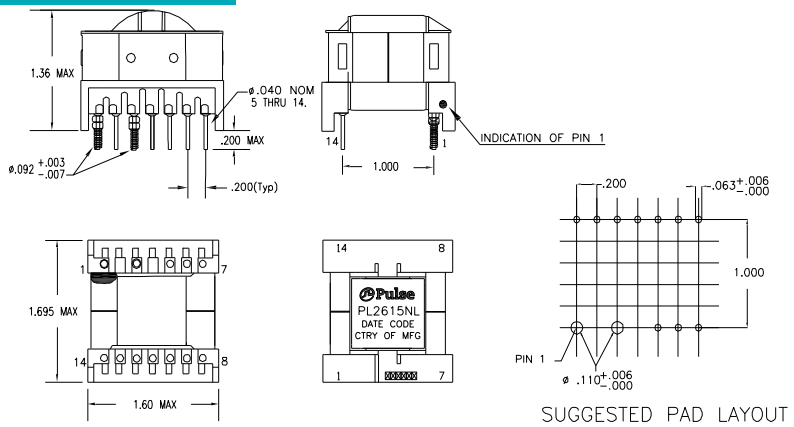
Electrical Specifications @ 25°C - Operating Temperature -40°C to +155°C														
Part Number	Primary Inductance (uH)	Primary Leakage Inductance (uH MAX)	Turns Ratio (Test on Ungapped core)							DCR (mΩ MAX)			Hi-Pot (VDC 6S)	
	(1-3) (-40°C to +125°C)	(1-3)	(1-3) (6-7)	(1-3) (8-9)	(1-3) (10-11)	(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)	See note 4	See Note 5
PL2615NL	167 - 203	3.00	7.5	7.5	7.5	7.5	1.0	1.0	1.0	55.0	25.0	3.6	5100.0	2550.0

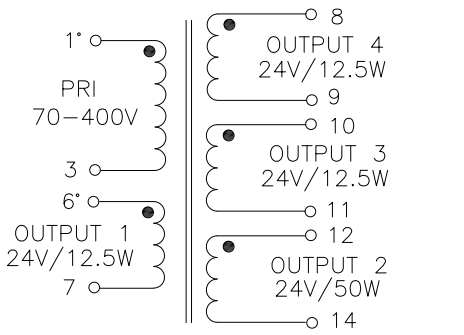
Notes: 1. ET max 700V-usec.Typical frequency 200 kHz. MSL 1. **2.** Part is designed for temperature rise: 45°C MAX. **3.** Storage temperature: -55°C to 155°C.
4. Primary to outputs 1, 2, 3 and 4; all windings to core; Output 1 to output 2, 3 and 4; 5. Output 2 to output 3 and 4; Output 3 to output 4.

Mechanical

Schematic

PL2615NL





67W MAX COMBINED TOTAL OUTPUT

Weight . . . . . .87.0 grams
Tray 15Pcs/tray
Dimensions: Inches / mm
Unless otherwise specified, all tolerances are ± .010 / 0.25

Between the primary winding and output windings, between the primary windings and core, and between the output 1 winding and output 2 thru 4 windings, this part is designed to comply with spacing (creepage and clearance) and insulation requirements for reinforced insulation up to a working voltage of 400VRMS per IEC60664-1. The part is intended for equipment energized from low voltage mains with rated impulse voltage up to 4000V. 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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