



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Isolation Power Transformers

EE5 Platform SMD



- Push Pull Converter Transformer
- Operational Insulation
- 1.5KVrms isolation
- Compact and cost effective industrial design
- Output: 1.0W max

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

Part Number	Inductance (1-3) ($\mu\text{H} \pm 35\%$)	Leakage Inductance (1-3) with (4-6) shorted ($\mu\text{H} \text{ MAX}$)	Capacitance (1, 2, 3) to (4, 5, 6) ($\text{pF} \text{ MAX}$)	DCR (1-3) ($\Omega \text{ MAX}$)	DCR (4-6) ($\Omega \text{ MAX}$)	MAX (1-3) ¹ (V- $\mu\text{sec} \text{ Max}$)	Turns Ratio (1:3) (6:4)	Isolated Voltage (Vrms)
PH9084.011NL	456	3.0	15	2.0	2.0	37	1CT : 1CT	1500
PH9084.034NL	256	3.0	15	1.6	2.0	28	3CT : 4CT	
PH9084.043NL	456	3.0	15	2.0	2.0	37	4CT : 3CT	
PH9084.021NL	456	3.0	15	2.0	1.2	37	2CT : 1CT	

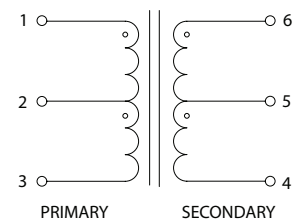
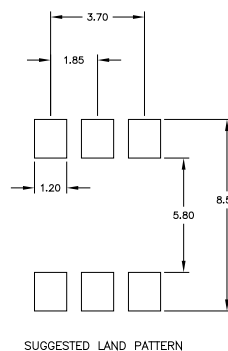
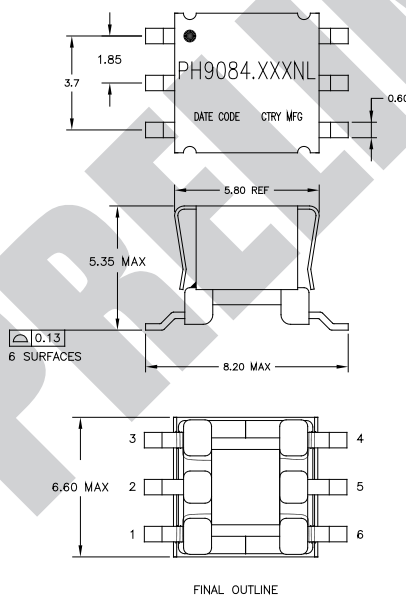
Notes:

- The maximum volt-use rating limits the peak flux density to 3600 gauss when used in bi-polar drive application with 200KHz. For unipolar drive applications or a bi-polar drive with 350kHz, a maximum volt-use could be 60% of the listed value. For Push-Pull topology, where the voltage is applied across half the primary winding turns, the maximum volts-use needs to be derated by 50%.
- Optional Tape & Reel packing can be ordered by adding a "T" suffix to the part number (i.e. PH9084.011NL becomes PH9084.011NLT). Pulse complies to industry standard tape and reel specification EIA481.
- The "NL" suffix indicates an RoHS-compliant part number.

Mechanical

Schematic

PH9084.XXXNL



Weight0.37grams
Tape & Reel1000/reel
Tray120/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

Taiwan 886 3 4356768