



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!



Contact us

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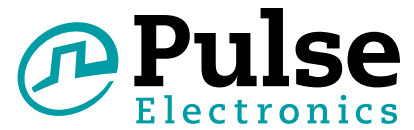
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SMT POWER INDUCTORS

Wire Wound



- Maximum Reflow Temperature 235°C
- Storage Temperature:** -55°C to +125°C
- Moisture Sensitivity Level (MSL):** 3
- Pick-and-place Compatible
- Designed for dc/dc Converters

- Dielectric Strength: Up to 15 A
- Frequency Range: 500 Vrms
- Can be made available in a RoHS configuration by special request (Sn100 lead finish)

Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Inductance (mH ± 35%)	I _{rated} (A)	Leakage Inductance (μH Nom)	DCR (μΩ MAX)	Impedance Curve	Weight (Grams)	Quantity in Tube
PL1241	0.760	4.7	4.559	40	#6	6.2	30
PL1241-1	0.760	4.7	4.559	40	#6	6.2	30

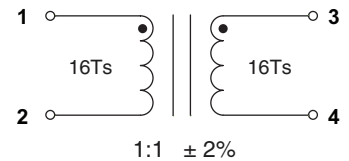
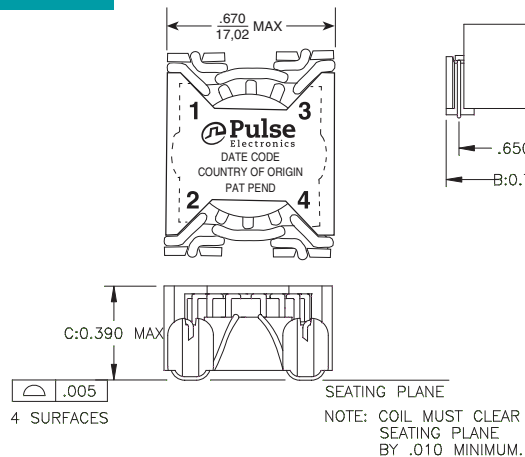
Notes:

- Leakage inductance tested to 100 kHz, 1140 mV, (1-2) with (3-4) shorted.
- Add the suffix "T" to the part number for Tape & Reel packaging

Mechanicals

Schematics

PL1241

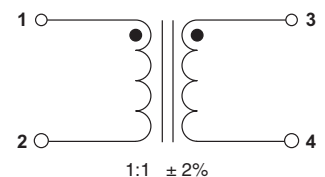
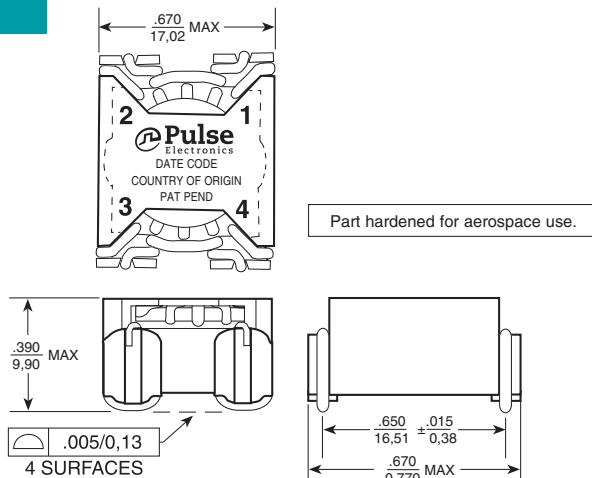


Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0,25

Mechanicals

Schematics

PL1241-1



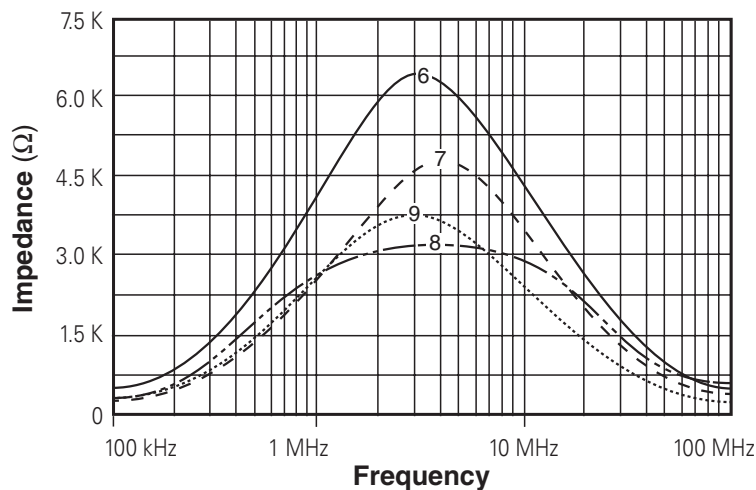
Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0,25

SMT COMMON CHOKES

500 Vrms Isolation

Impedance Curve

PL1241NL/ PL1241-1NL



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