



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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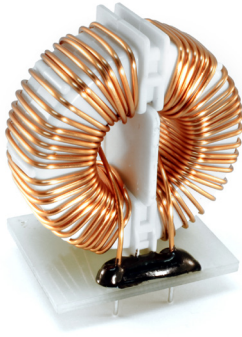
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THT Common Mode Chokes

PA4415NL and PA4416NL



- Dielectric Strength: 1500Vrms
- Inductance Range: 14 mH (at 8A) to 35mH (at 5A)
- Height: 46.0 mm Max
- Footprint: 43.0 mm x 26.0 mm
- Voltage Rating: 250 Vac Max, 1500 Vrms Hi-pot

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

Part Number	Inductance (1-4)=(2-3) (mH Min)	Current Rating ¹ (1-4)=(2-3) (A)	DCR (1-4)=(2-3) (mΩ Max)	Self Resonant Frequency (1,2-4,3) (MHz Typ)	Impedance (kOhms Typ at SRF)
PA4415NL	24.5	5.00	90.0	0.92	29.4
PA4416NL	9.8	8.00	27.0	1.96	13.8

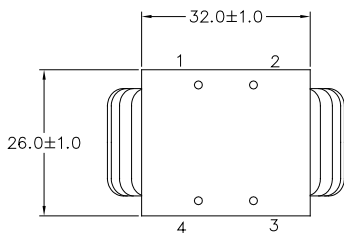
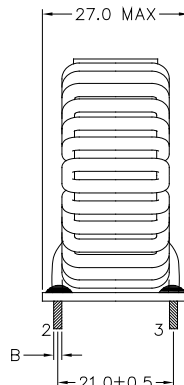
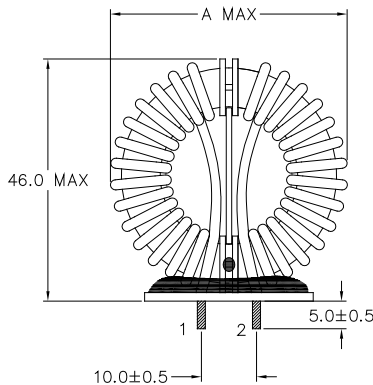
Notes:

- The current rating (I_{rated}) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 55°C.
- The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

Mechanical

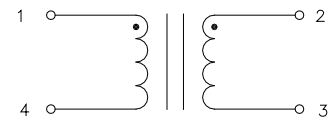
Schematic

PA441xNL

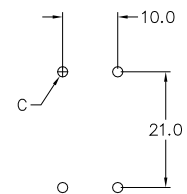


DIMENSION	"A"	"B"	"C"
PA4415NL	42MAX	∅0.8±0.1	∅1.2
PA4416NL	43MAX	∅1.2±0.1	∅1.6

ALL DIMENSIONS ARE IN MM.



SCHEMATIC



SUGGESTED LAND PATTERN

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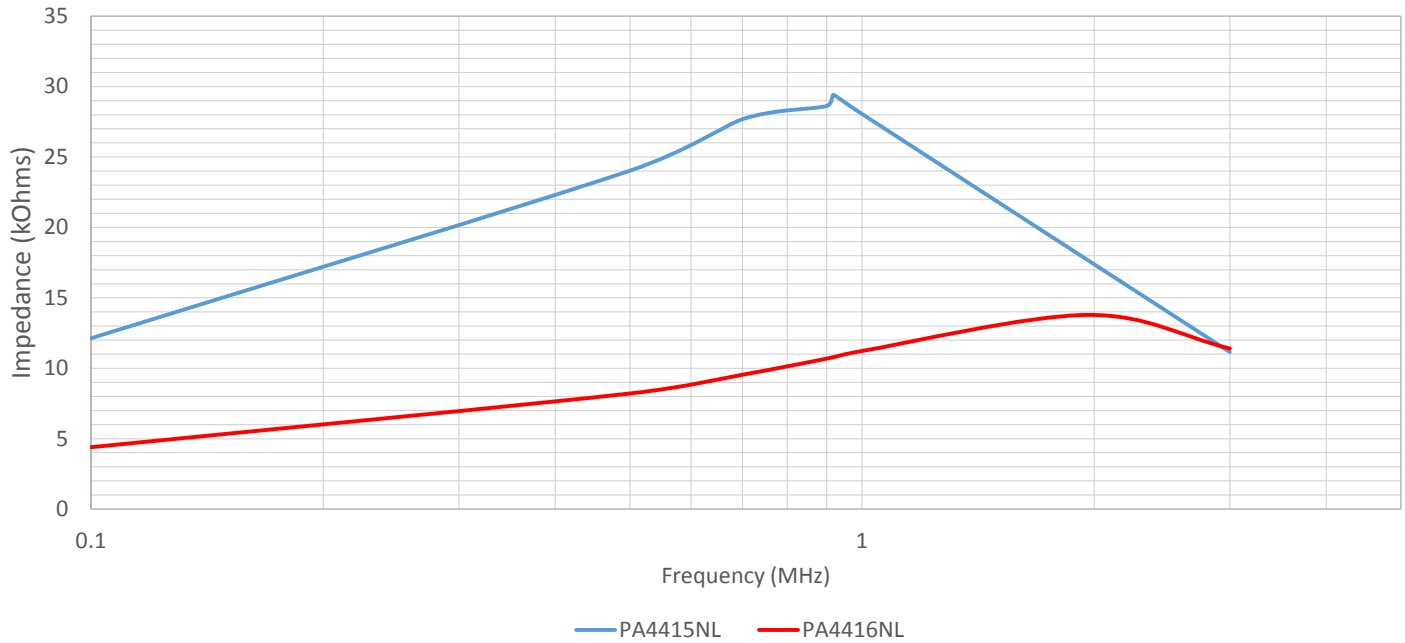
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PA4415NL and PA4416NL

Impedance vs Frequency, PA4415NL, PA4416NL



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