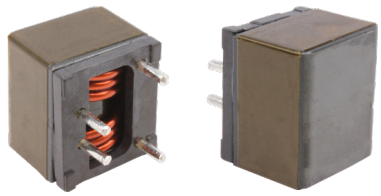
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THT Common Mode Chokes

PMC9539.XXXNL Series

Pulse
a YAGEO company



- EP16 Platform
- Round Wire Coil
- 19.6x17.8x15.5mm
- 90uH/25A to 250uH/18A
- 1000Vdc Isolation

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

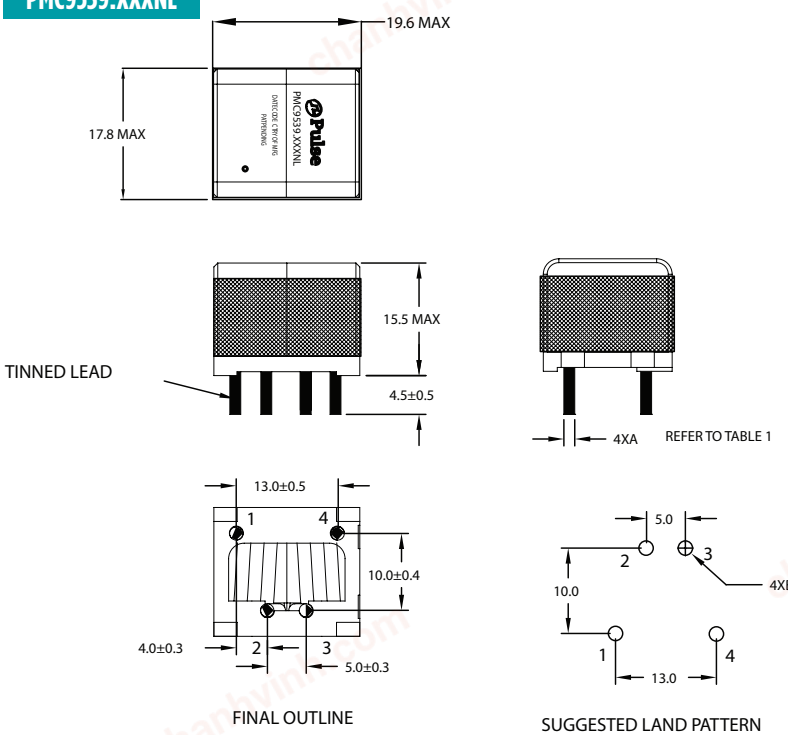
Part Number	Inductance (1-2)=(3-4)	Irated	Leakage Inductance (1-2) with (3-4) shorted	Capacitance (1,2) to (3,4)	DCR (1-2)=(3-4)	Self Resonant Frequency (1-2)=(3-4)	Impedance @ SRF
	(uH MIN/TYP)	(A)	(uH TYP/MAX)	(pF TYP/MAX)	(mΩ MAX)	(MHz TYP)	(Ω TYP)
PMC9539.903NL	58/90	25	0.8/1.5	10/20	1.3	2.1	250
PMC9539.164NL	100/160	22	1.0/2.0	13/26	1.7	1.9	450
PMC9539.254NL	160/250	18	1.3/2.6	16/30	2.7	1.6	750

NOTE:

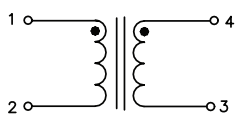
1. The current rating (Irated) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 50°C with free air cooling.
2. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

Mechanicals

PMC9539.XXXNL



Schematic



Weight (TYP) .....18 grams
Tray .....150/ Tray
Dimensions: mm
Unless otherwise specified, all tolerance are ±0.25

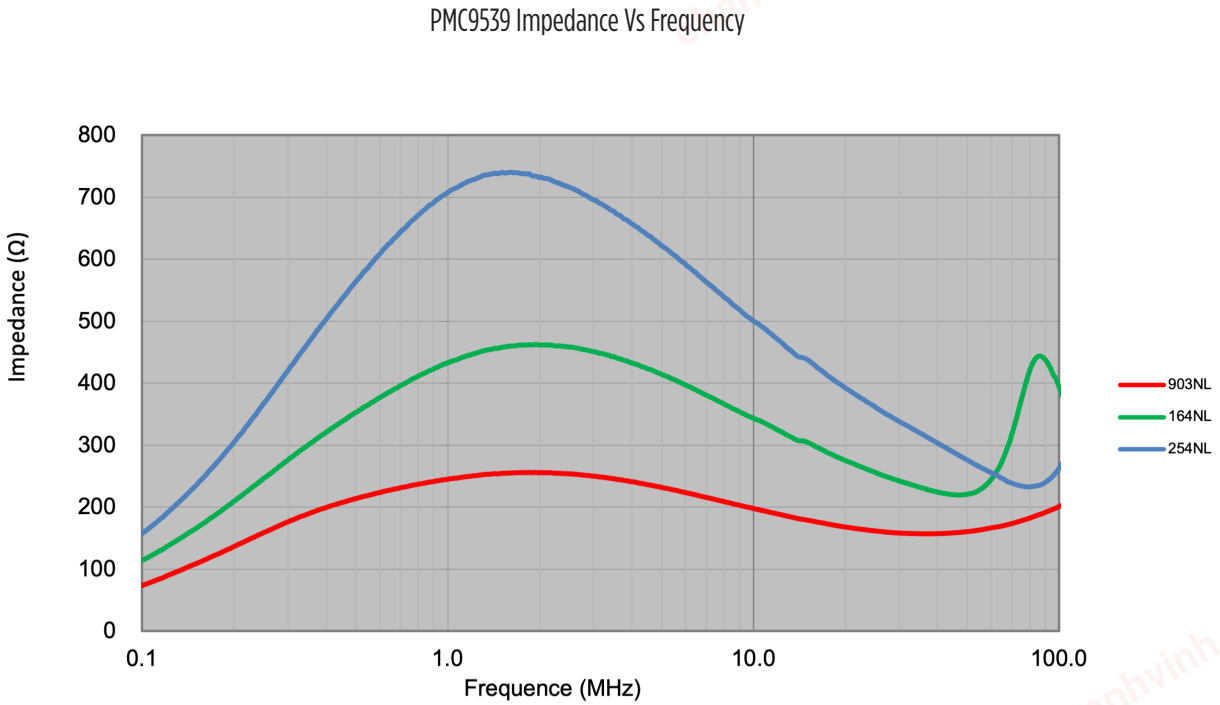
Part Number	A Dimension	B Dimension
PMC9539.903NL	1.45±0.1	1.85
PMC9539.164NL	1.45±0.1	1.85
PMC9539.254NL	1.25±0.1	1.65

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THT Common Mode Chokes

PMC9539.XXXNL Series

Impedance Plots



For More Information:

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