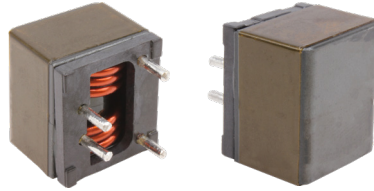


THT Common Mode Chokes

PMC9539.XXXNL Series



- Ⓢ 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)	I _{rated}	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

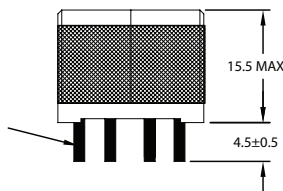
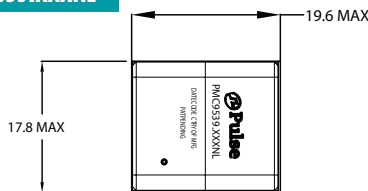
NOTE:

- 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 50°C with free air cooling.
- The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

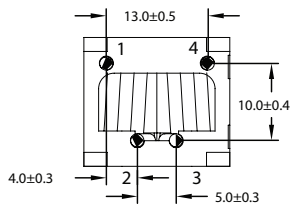
Mechanicals

Schematic

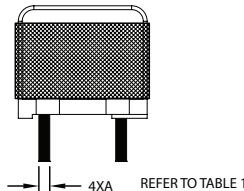
PMC9539.XXXNL



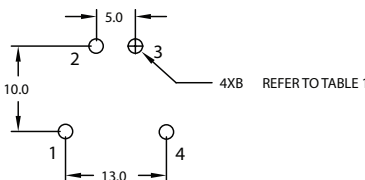
TINNED LEAD



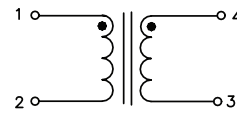
FINAL OUTLINE



4XA REFER TO TABLE 1



4XB REFER TO TABLE 1



Weight (TYP)18 grams

Tray150/ Tray

Dimensions: mm

Unless otherwise specified, all tolerance are ±0.25

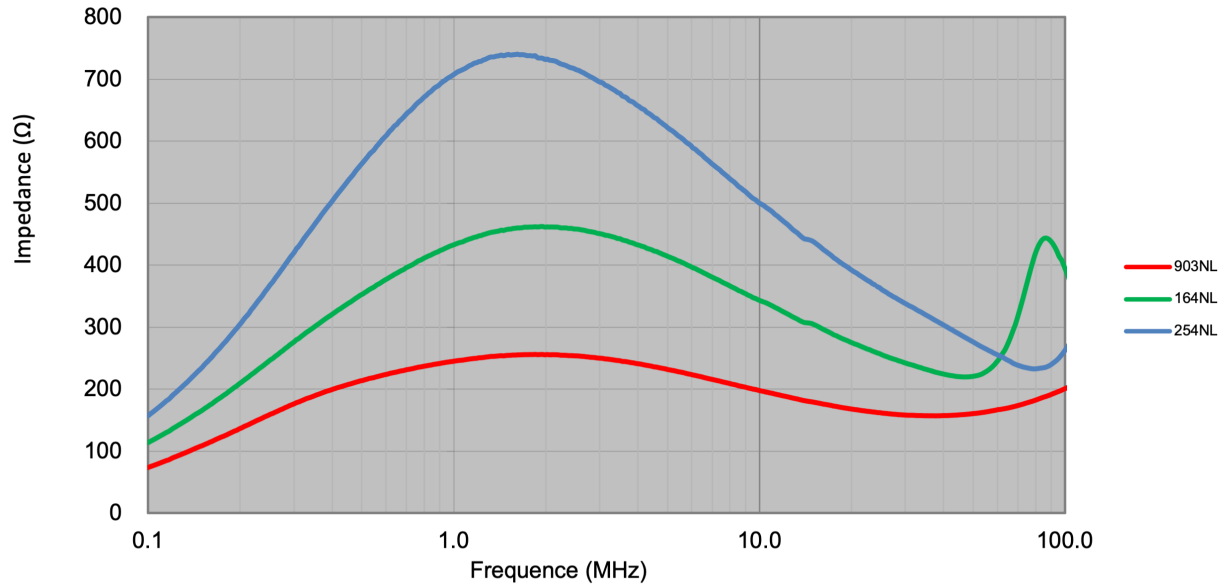
Part Number	A Dimension	B Dimension
PMC9539.903NL	1.45±0.1	1.85
PMC9539.164NL	1.45±0.1	1.85
PMC9539.254NL	1.25±0.1	1.65

THT Common Mode Chokes

PMC9539.XXXNL Series

Impedance Plots

PMC9539 Impedance Vs Frequency



For More Information:

Americas - prodinfo_power_americas@pulseelectronics.com | Europe - prodinfo_power_emea@pulseelectronics.com | Asia - prodinfo_power_asia@pulseelectronics.com

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2022. Pulse Electronics, Inc. All rights reserved.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Common Mode Chokes / Filters](#) category:

Click to view products by [Pulse manufacturer](#):

Other Similar products are found below :

[PE-64683](#) [RD5122-6-9M6](#) [ST6118T-R](#) [FE3X025-10-7NL](#) [T8114NLT](#) [TCM0806G-350-2P-T](#) [TCM0806G-650-2P-T](#) [IND-0110](#)
[UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [CM7060M132R-10](#)
[UALW21HS072450](#) [UALSU9H0208000](#) [UAL24VK06450CH](#) [PE-67531](#) [TLH10UB](#) [113 OR5](#) [2752045447](#) [CM8663Z161B-10](#) [7351V](#)
[CMF16-153131](#) [T8116NLT](#) [CMS2-10-R](#) [FE2X10-4-2NL](#) [T8003NLT](#) [CTX01-13663](#) [CTX66-19521-R](#) [RC212-0.5-10M](#) [RC112-0.4-15M](#)
[RC212-0.6-6M8](#) [RC212-0.4-15M](#) [RC112-0.3-30M](#) [4534-3](#) [WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [B82498B3221J000](#) [PAC6006.364NLT](#)
[PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#) [PH9408.105NLT](#) [PH9408.494NLT](#) [PAC6006.104NLT](#)
[CM6350R-683-REEL](#) [CUW43T-513T-AU](#) [CUW43T-104T-AU](#)