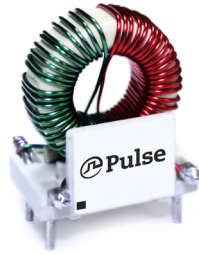


THT Common Mode Chokes

PA3747.XXXNL



Dielectric Strength: 1500Vrms

Inductance Range: 0.67mH (at 5A) to 19.5mH (at 0.75A)

Height: 22.9mm Max

Footprint: 19.3mm x 18.2mm

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

Part Number	Inductance (1-2)=(3-4) (mH Min)	Current Rating ¹ (1-2)=(3-4) (A)	DCR (1-2)=(3-4) (mΩ Max)	Self Resonant Frequency (1-2)=(3-4) (MHz Min)	Impedance (kΩrms Min at SRF)
PA3747.105NL	0.67	5.00	16	1.18	3.33
PA3747.205NL	1.28	4.00	25.5	1.10	5.04
PA3747.305NL	1.92	2.75	49.5	1.00	5.08
PA3747.405NL	2.68	2.25	71.5	0.94	11.57
PA3747.505NL	3.33	1.85	103.5	0.88	14.40
PA3747.605NL	4.06	1.55	132	0.78	17.93
PA3747.705NL	4.58	1.50	134	0.80	18.24
PA3747.905NL	6.03	1.45	154	0.30	24.38
PA3747.106NL	6.67	1.40	169	0.29	26.90
PA3747.146NL	9.10	1.00	207	0.21	42.69
PA3747.206NL	13.00	1.00	295	0.20	51.22
PA3747.306NL	19.50	0.75	572	0.12	80.65

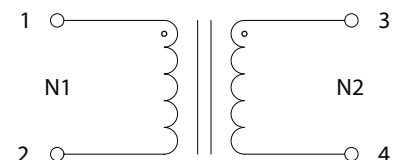
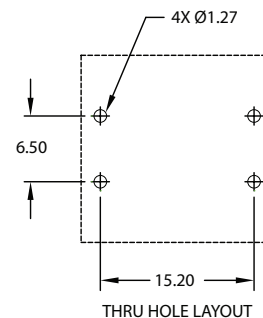
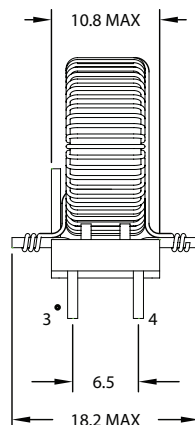
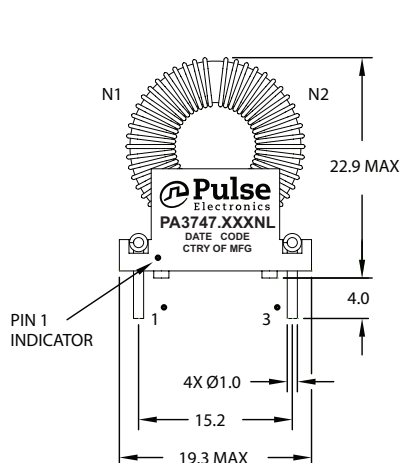
Notes:

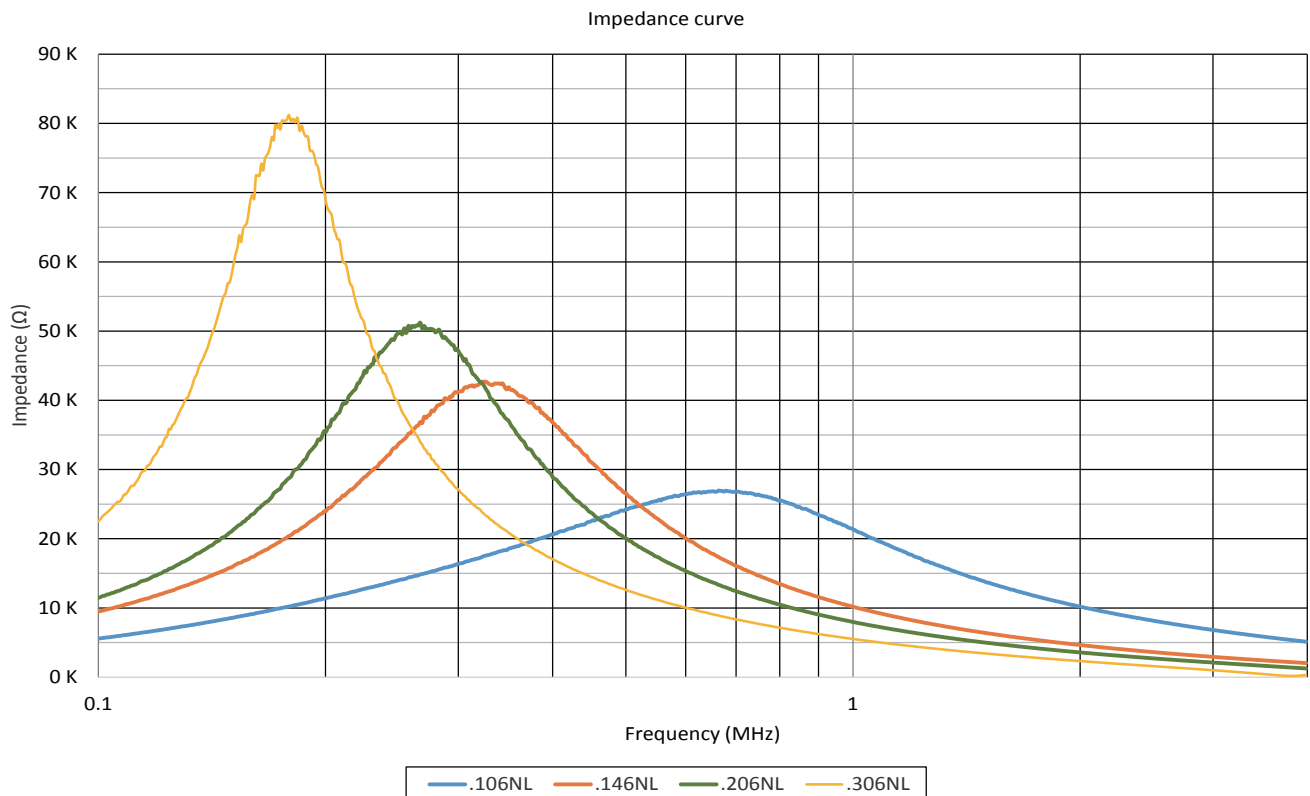
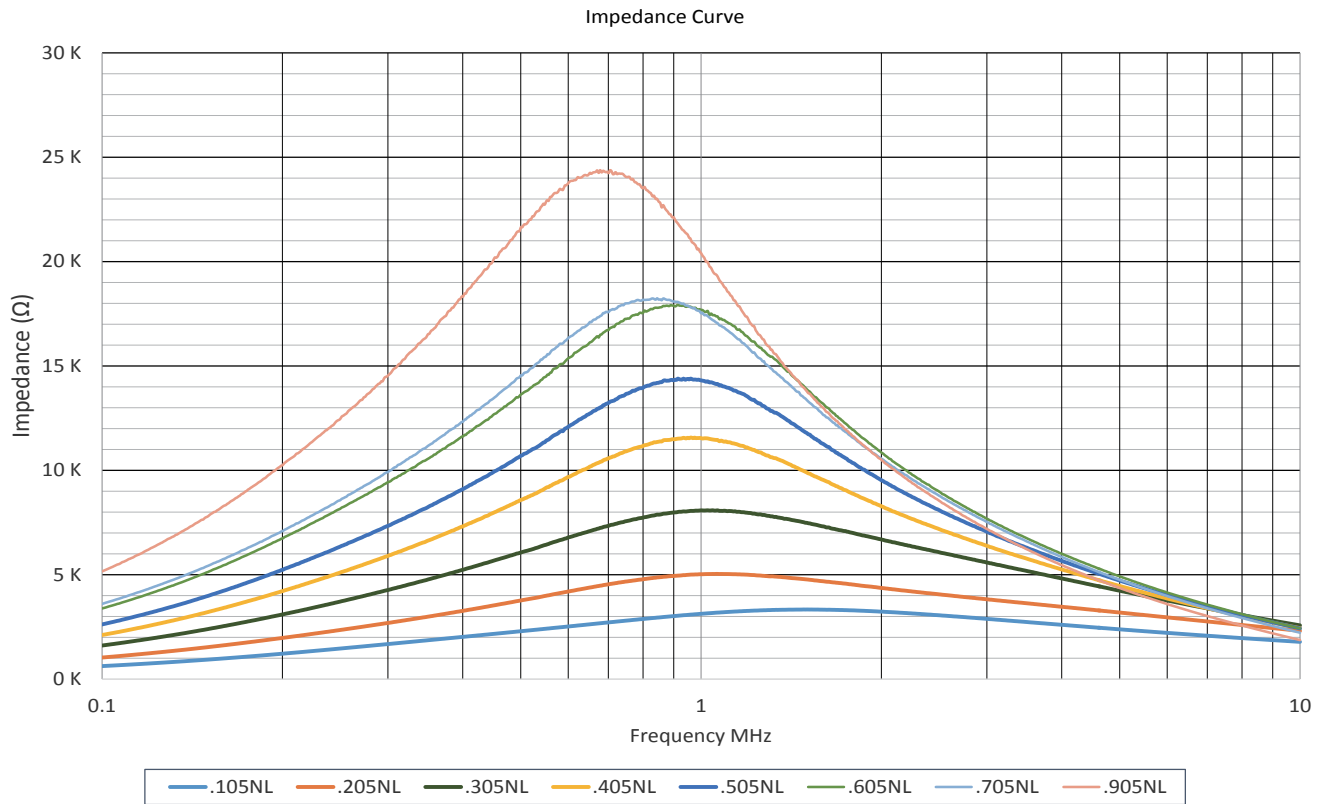
1. The current rating (I_{rated}) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 40 °C.
2. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

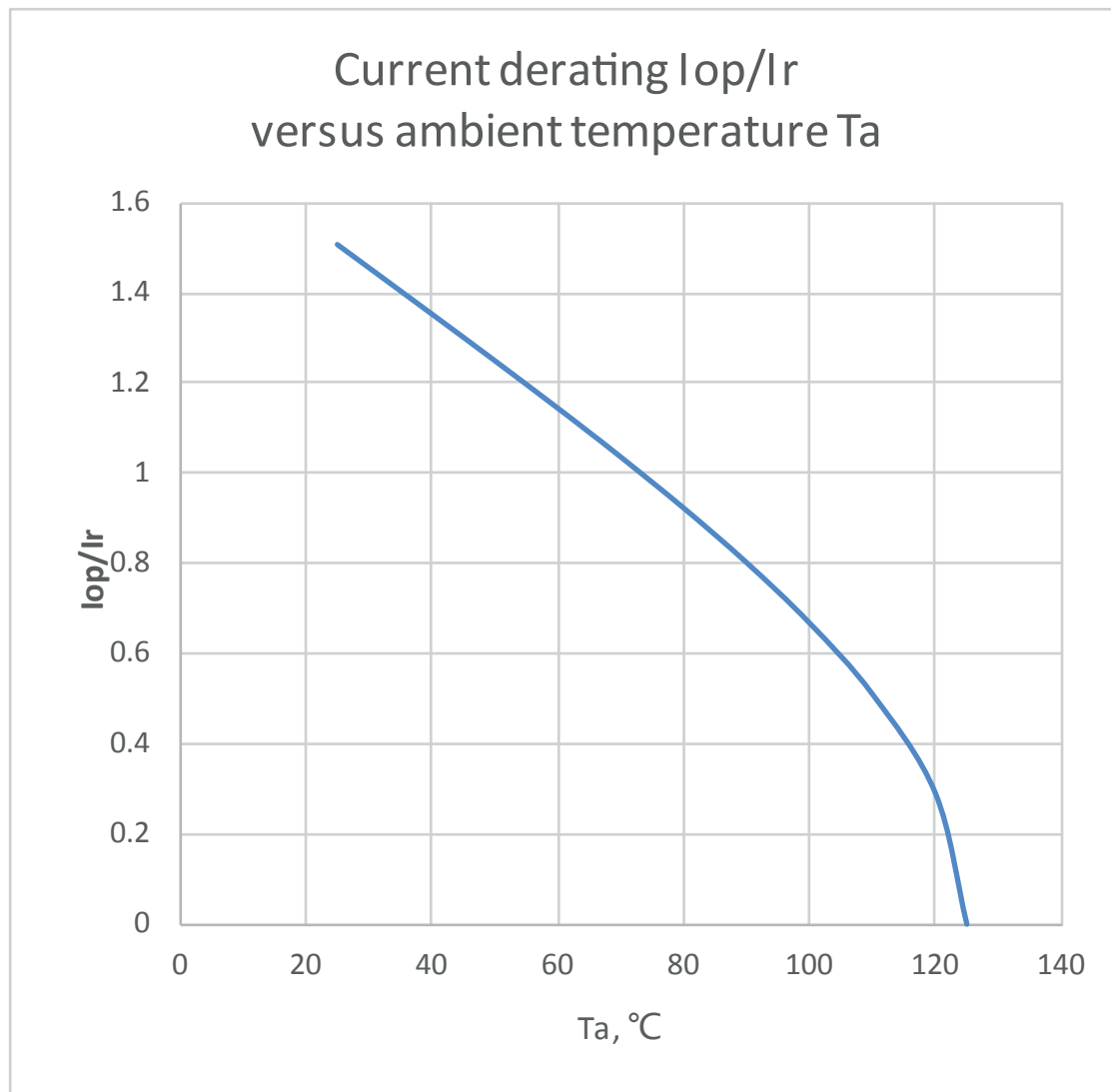
Mechanical

Schematic

PA3747.XXXNL







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