

# 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

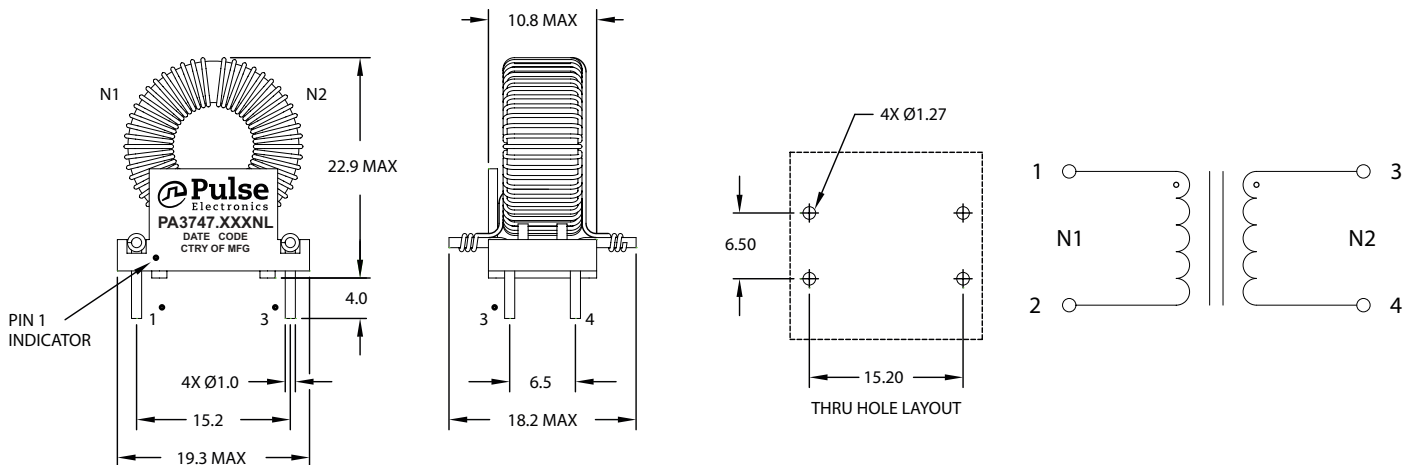
Part Number	Inductance (1-2)=(3-4) (mH Min)	Current Rating <sup>1</sup> (1-2)=(3-4) (A)	DCR (1-2)=(3-4) (mΩ Max)	Self Resonant Frequency (1-2)=(3-4) (MHz Min)	Impedance (kΩms Min at SRF)
PA3747.105NL	0.67	5.00	16	1.18	3.33
PA3747.205NL	1.28	4.00	25.5	1.10	5.04
PA3747.305NL	1.92	2.75	49.5	1.00	5.08
PA3747.405NL	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 (Irated) 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

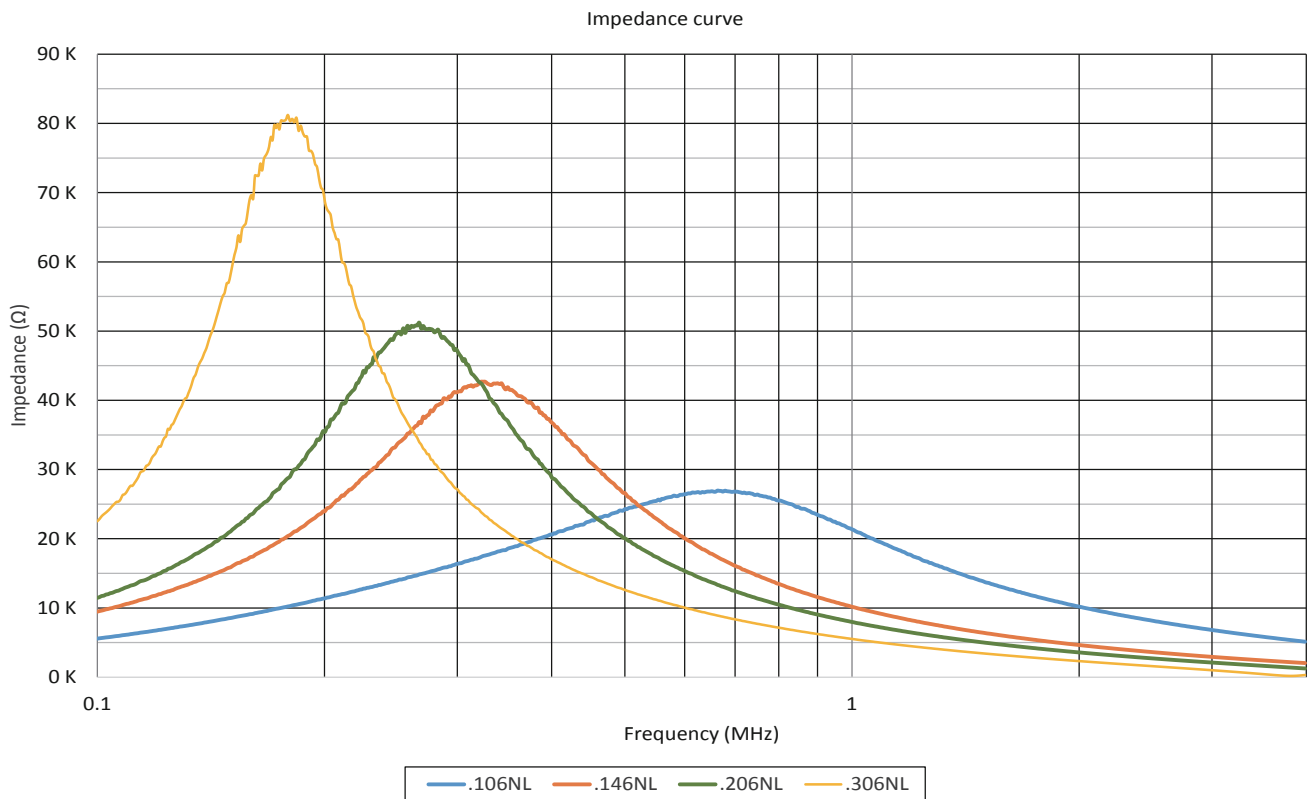
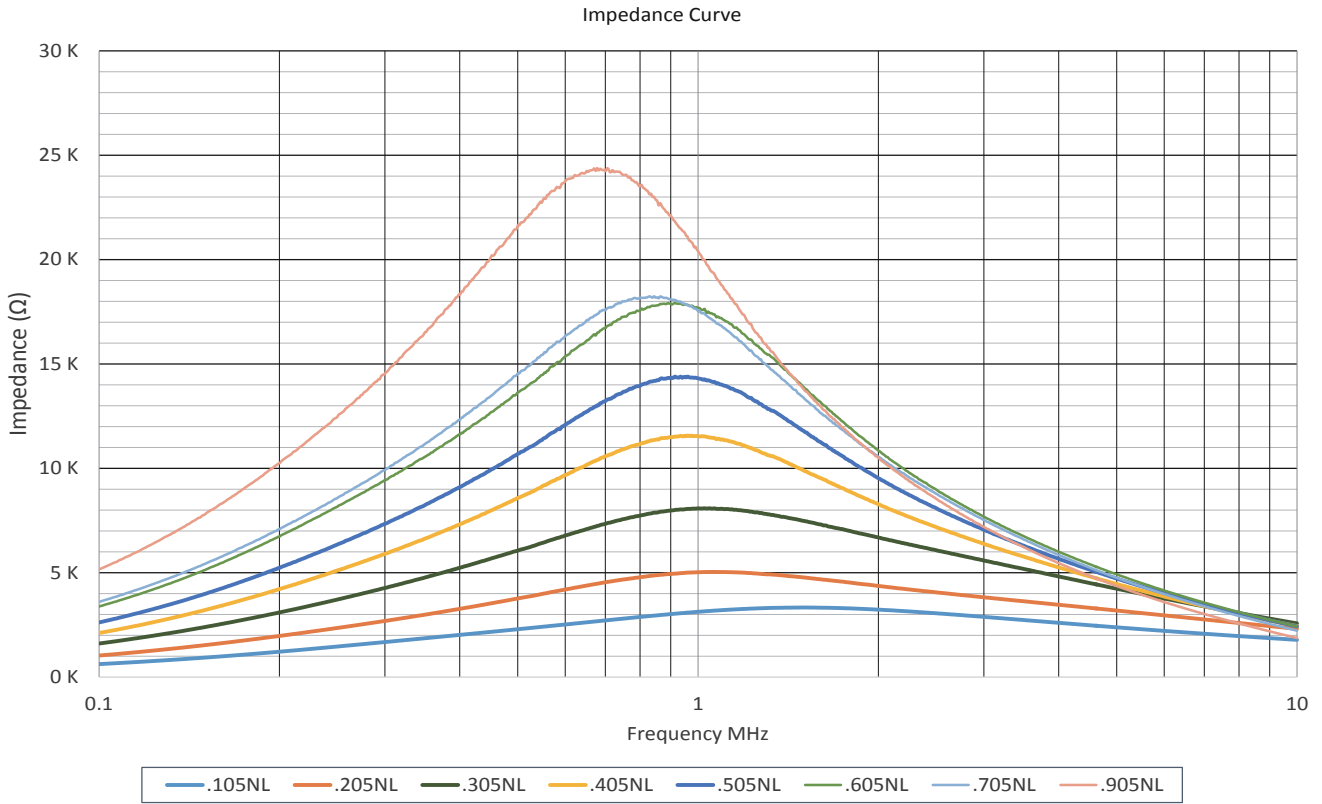
## Schematic

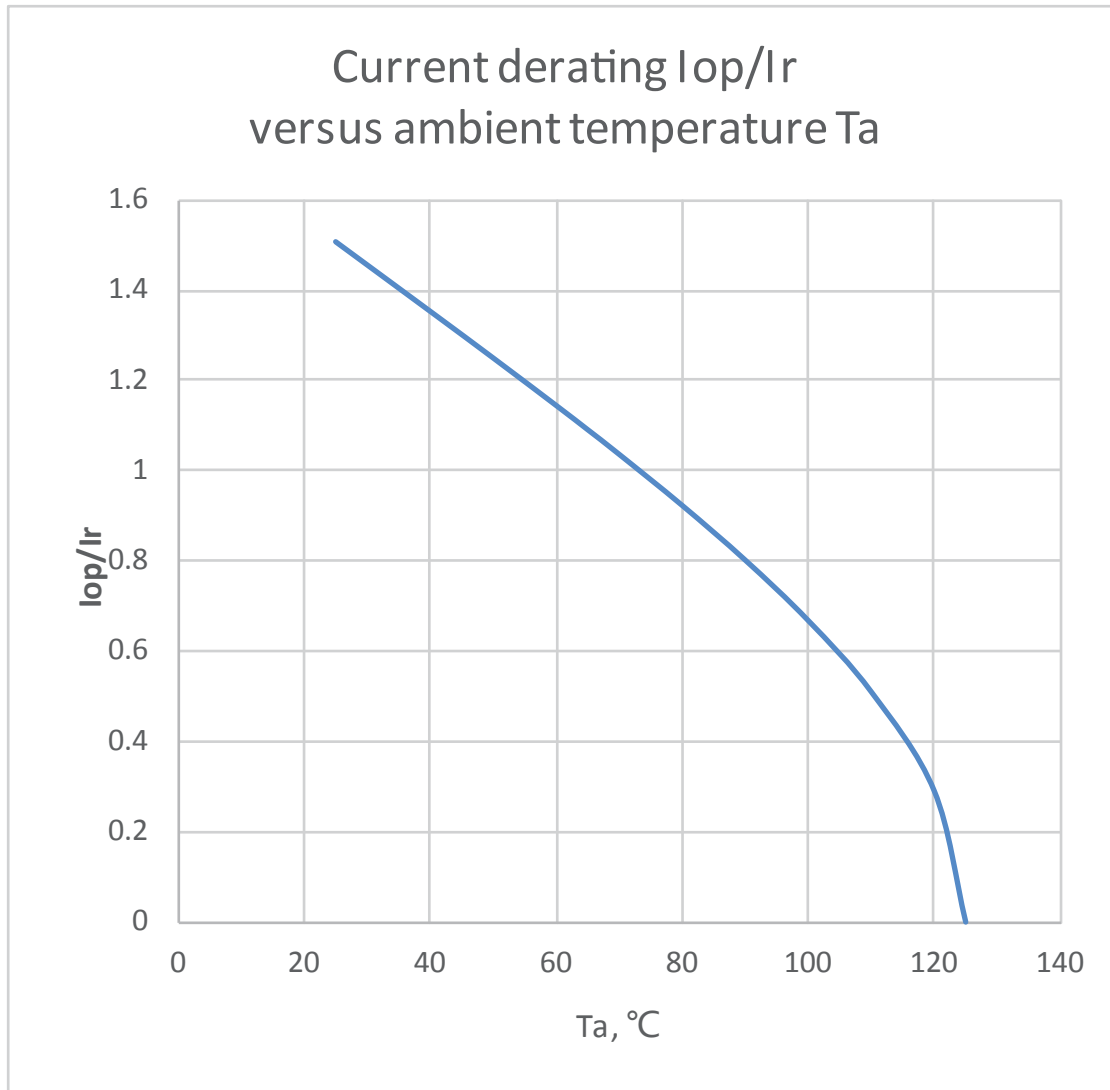
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