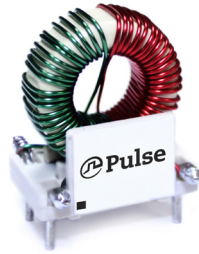


THT Common Mode Chokes

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

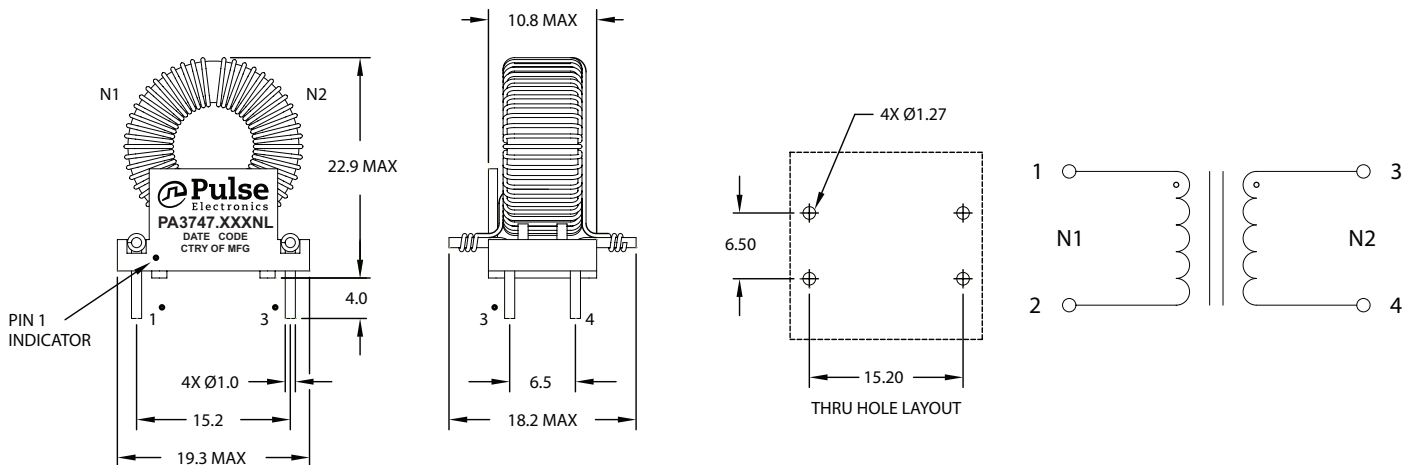
Part Number	Inductance (1-2)=(3-4) (mH Min)	Current Rating ¹ (1-2)=(3-4) (A)	DCR (1-2)=(3-4) (mΩ Max)	Self Resonant Frequency (1-2)=(3-4) (MHz Min)	Impedance (kOhms Min at SRF)
PA3747.105NL	0.67	5.00	16	1.18	3.33
PA3747.205NL	1.28	4.00	25.5	1.10	5.04
PA3747.305NL	1.92	2.75	49.5	1.00	5.08
PA3747.405NL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

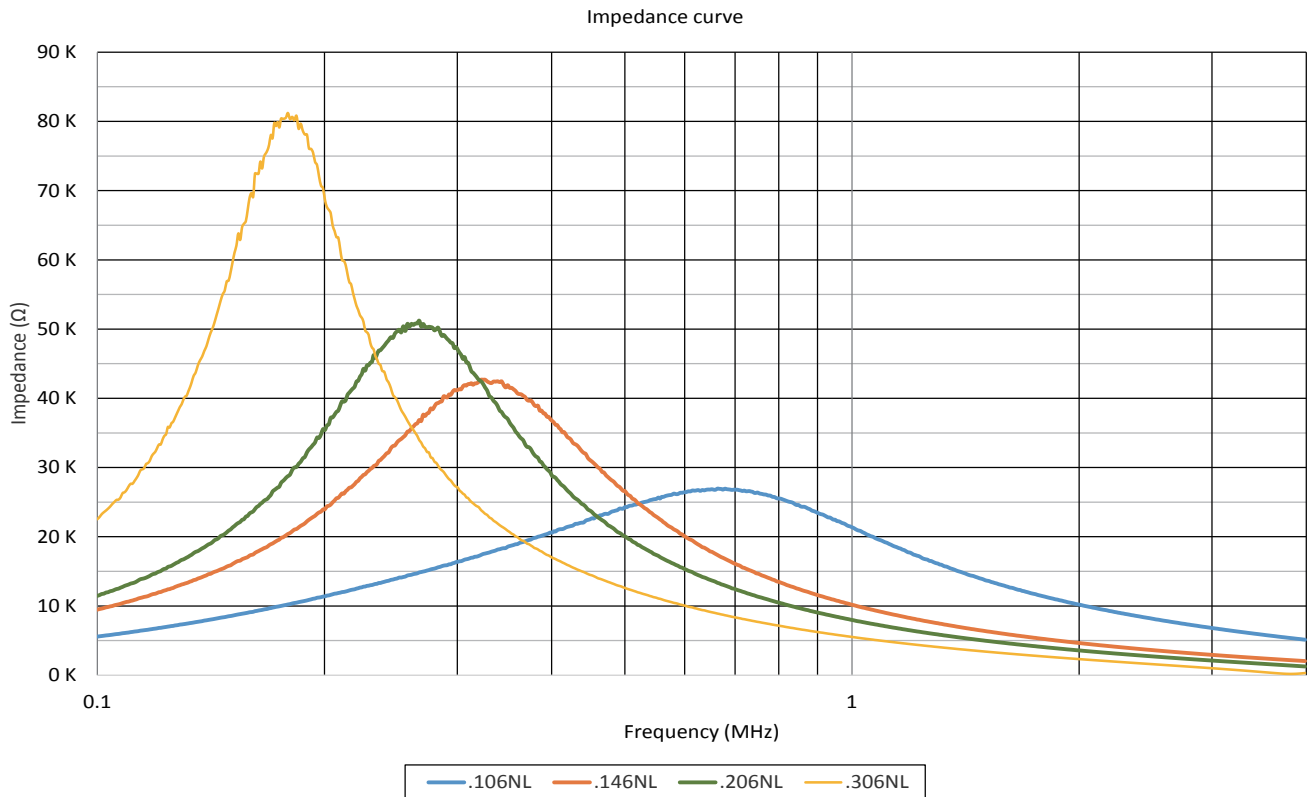
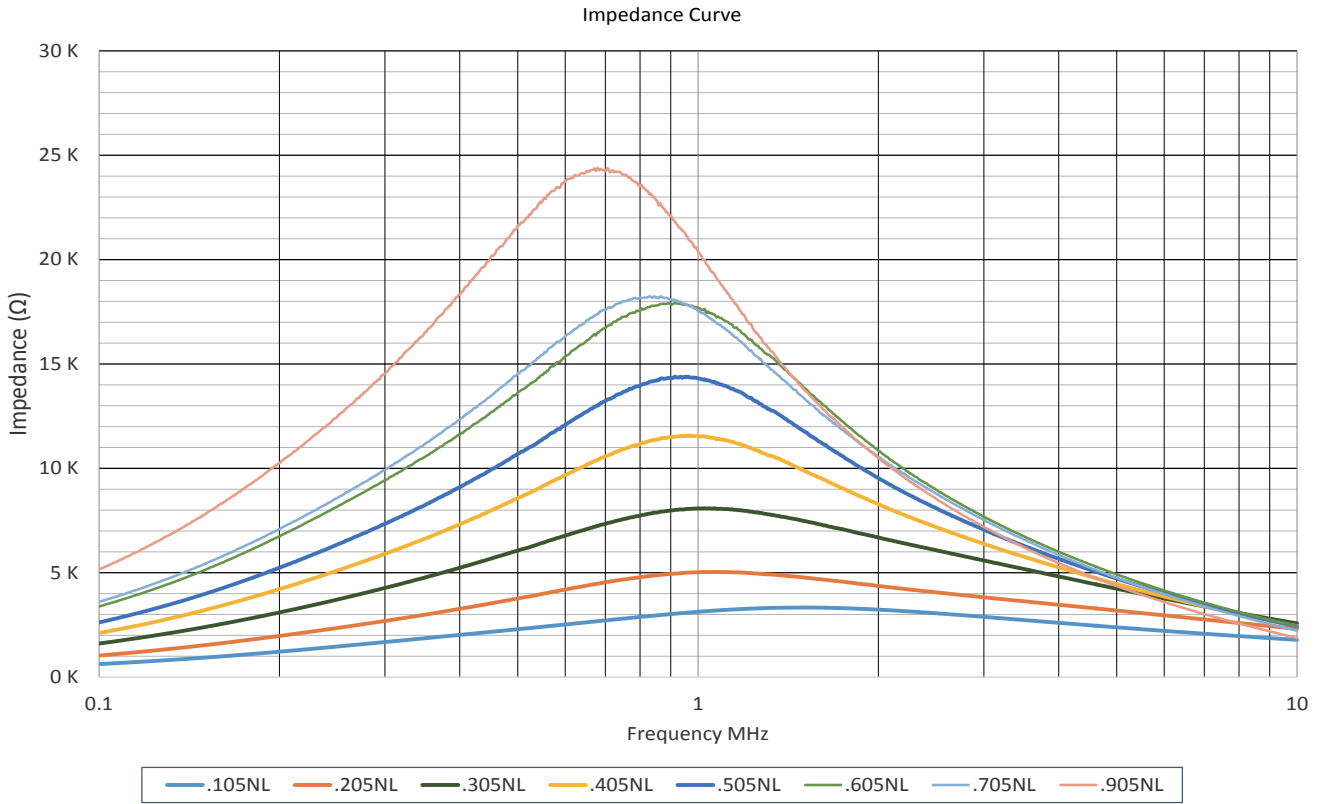
Schematic

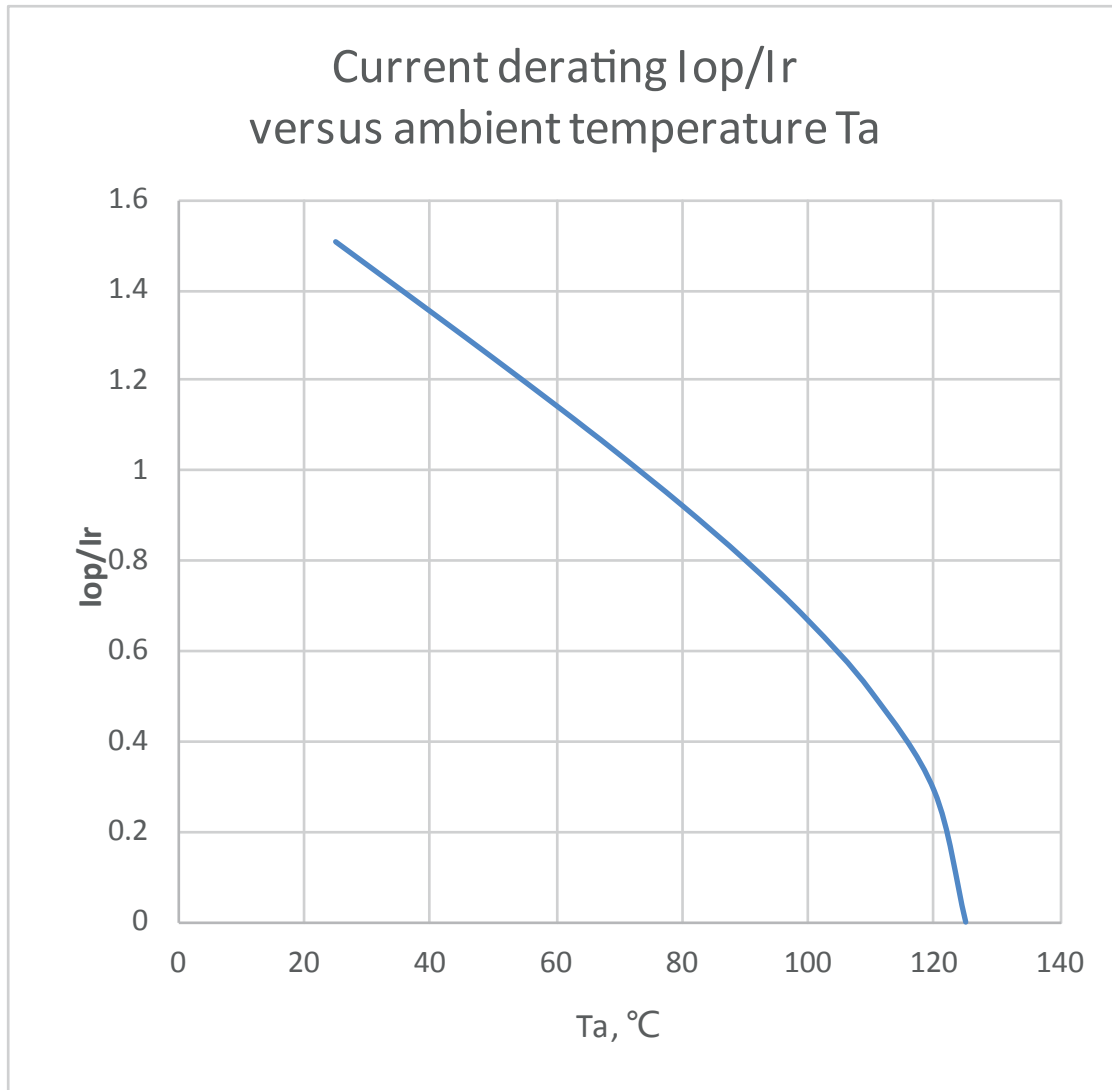
PA3747.XXXNL



THT Common Mode Chokes

PA3747.XXXNL





For More Information

Pulse Worldwide Headquarters

15255 Innovation Drive Ste 100
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Pulse Electronics GmbH
Am Rottland 12
58540 Meinerzhagen
Germany

Tel: 49 2354 777 100
Fax: 49 2354 777 168

Pulse China Headquarters

Pulse Electronics (Shenzhen) CO., LTD
D708, Shenzhen Academy of
Aerospace Technology,
The 10th Keji South Road,
Nanshan District, Shenzhen,
P.R. China 518057

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

3 Fraser Street
0428 DUO Tower
Singapore 189352

Tel: 65 6287 8998
Fax: 65 6280 0080

Pulse North Asia

1F., No.111 Xiyuan Rd
Zhongli City
Taoyuan City 32057
Taiwan (R.O.C)

Tel: 886 3 4356768
Fax: 886 3 4356820

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