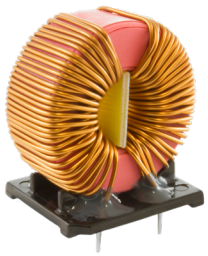
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THT Common Mode Chokes

PH9455.XXXNL Series

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- ***Dielectric Strength:*** *1500Vrms (380Vrms continuous)*
- ***Inductance Range:*** *1.00mH (at 22.0A) to 82.0mH (at 3.0A)*
- ***Height:*** *28.0mm Max*
- ***Footprint:*** *12.6mm x 10.0mm*

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

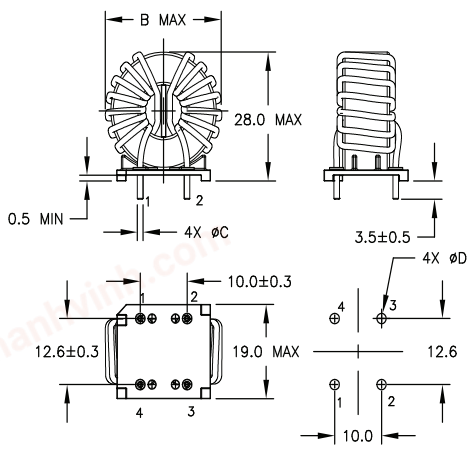
Part Number	Inductance (1-4)=(2-3) (mH +50%/-30%)	Current Rating (1-4)=(2-3)[1] (A)	DCR (1-4)=(2-3) (mΩ Max)	Self Resonant Frequency (1-4)=(2-3) (MHz Min)	Impedance (kOhms Min at SRF)
PH9455.105NL	1.10	22	2.10	15.94	1.5
PH9455.155NL	1.62	19	3.20	10.00	1.8
PH9455.205NL	2.20	16	4.50	8.39	2.6
PH9455.405NL	4.50	12	8.50	4.00	4.4
PH9455.705NL	6.50	9	14.0	1.52	6.4
PH9455.156NL	15.0	6	30.0	0.76	10
PH9455.356NL	35.0	4	80.0	0.33	21
PH9455.826NL	82.0	3	150	0.13	37

Notes:

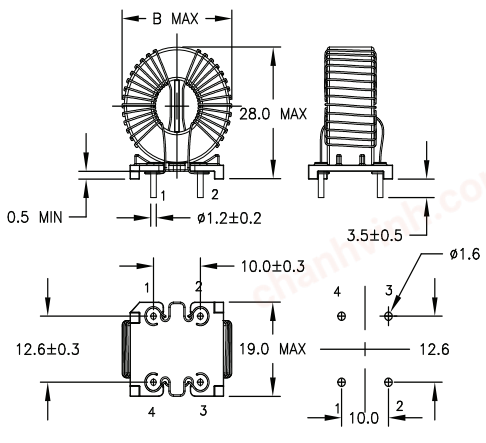
1. The current rating (Irated) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 55°C.

Mechanical

PH9455.XXXNL

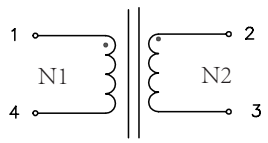


FOOTPRINT 1



FOOTPRINT 2

Schematic



PART NUMBER	B	C	D	FOOTPRINT
PH9455.105NL	30.0	1.63±0.20	2.10	1
PH9455.155NL		1.45±0.20	1.90	
PH9455.205NL		1.29±0.20	1.70	
PH9455.405NL	27.0	1.15±0.20	1.50	
PH9455.705NL		1.02±0.20	1.45	
PH9455.156NL				2
PH9455.356NL				
PH9455.826NL				

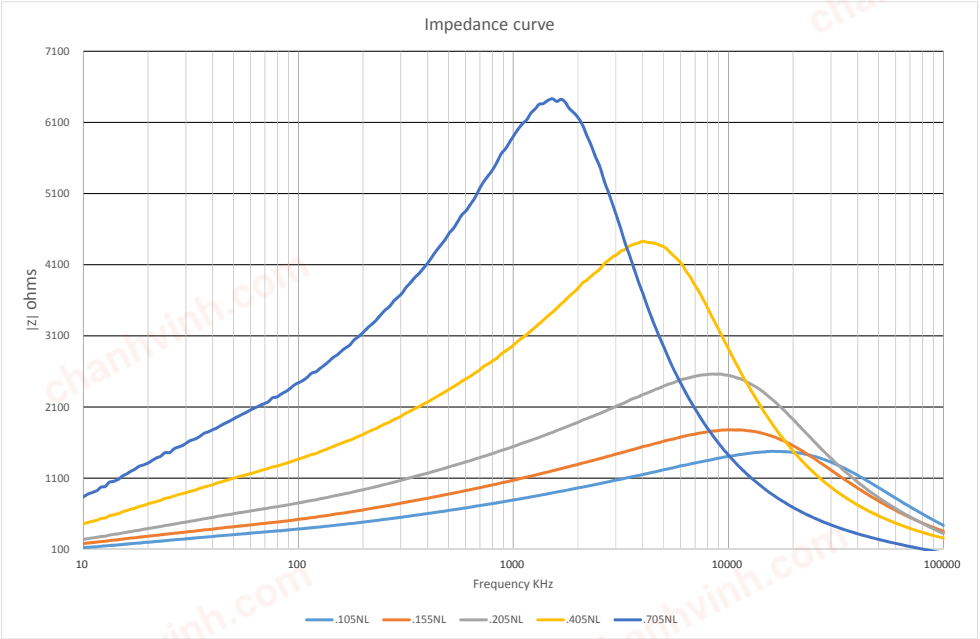
Weight (TYP) 20grams
Tray 45/tray
Dimensions: mm
Unless otherwise specified, all tolerance are ±0.25

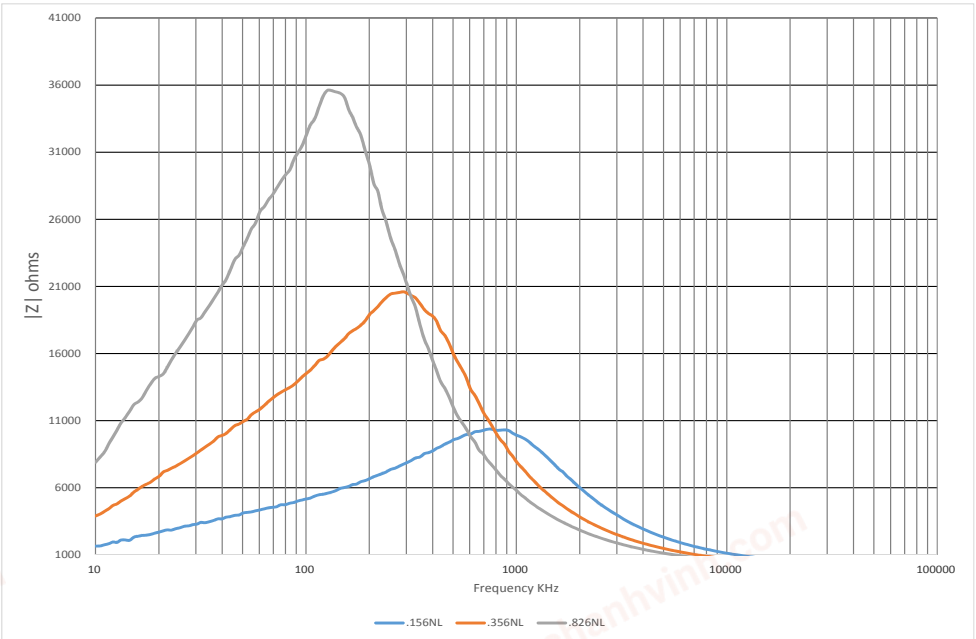
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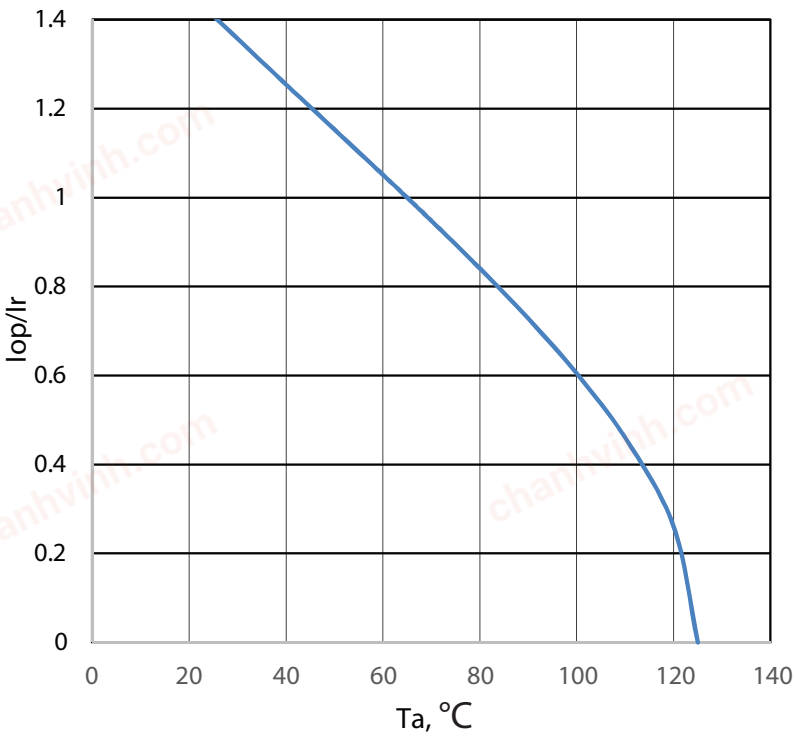


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Current derating Iop/Ir
versus ambient temperature Ta



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For More Information:

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