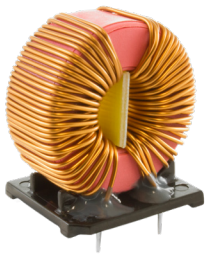
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THT Common Mode Chokes

PH9455.XXXNL Series

Pulse A YAGEO Company
POWER PRODUCTS



- ***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*

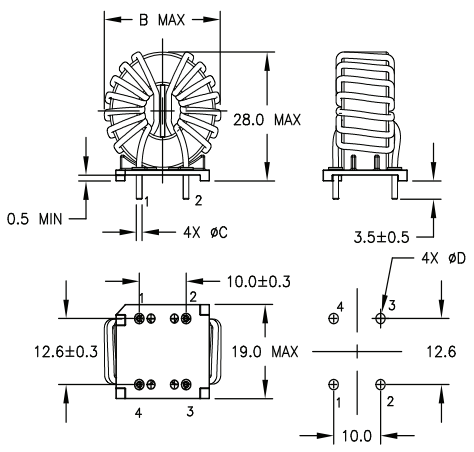
Electrical Specifications @ 25°C – Operating Temperature -40°C to +125°C					
Part Number	**Inductance (1-4)=(2-3) (mH +50%/-30%)**	**Current Rating (1-4)=(2-3)[1] (A)**	**DCR (1-4)=(2-3) (mΩ Max)**	**Self Resonant Frequency (1-4)=(2-3) (MHz Min)**	**Impedance (kOhms Min at SRF)**
PH9455.105NL	1.10	22	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:

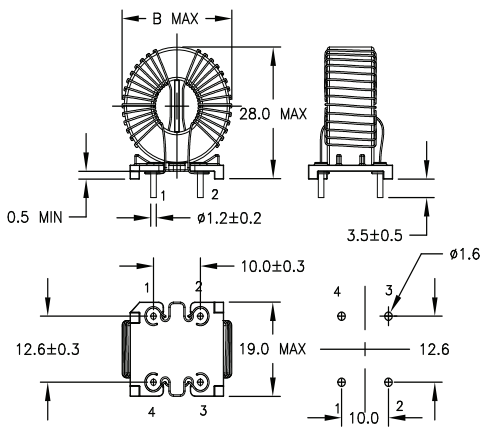
1. The current rating (Irated) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 55˚C.

Mechanical

PH9455.XXXNL

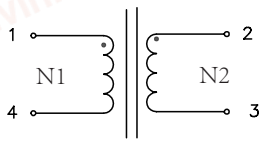


FOOTPRINT 1



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

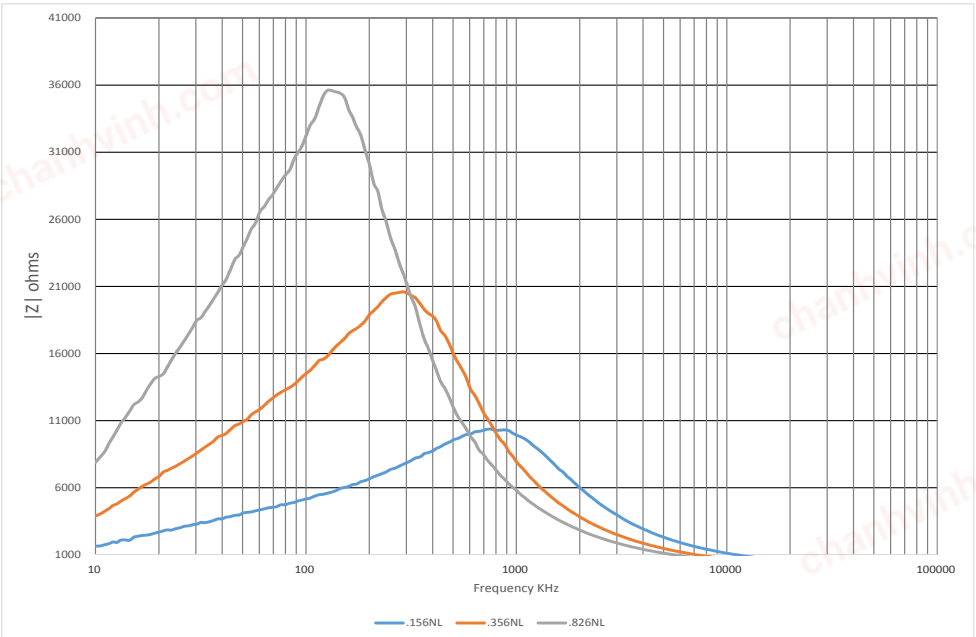
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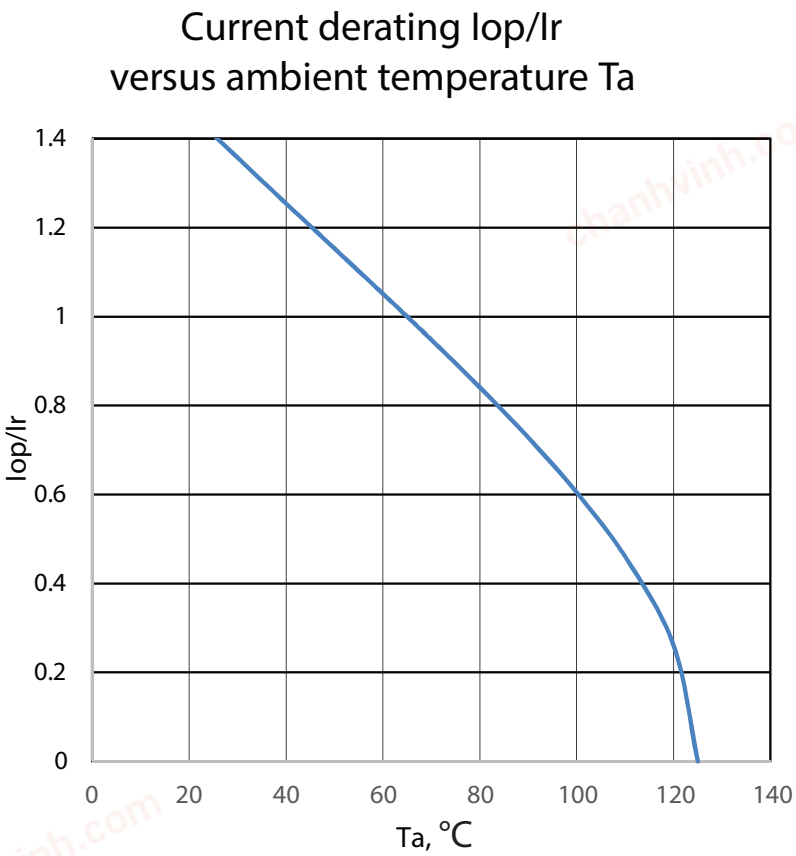




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PH9455.XXXNL Series



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