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SMT Common Mode Choke

PA4339.XXXNLT Series

Pulse a YAGEO company



- ***Height:*** *3.8 mm MAX*
- ***Footprint:*** *7.5 mm x 6.5 mm MAX*
- ***Rated Current:*** *up to 9.0 A*
- ***Rated Voltage (MAX):*** *80Vdc between windings.*

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

Part Number	Inductance (uH ± 50%)	Rated Current (A)	DCR/Winding (mOHms Max)	Impedance @ 100 MHz (ohms)		SRF (MHz)
				MIN	TYP	TYP
PA4339.101NLT	1.8	9.0	10	100	140	200
PA4339.301NLT	2.8	5.0	10	225	300	138
PA4339.501NLT	4.0	5.0	10	275	350	124
PA4339.701NLT	5.0	4.0	15	500	700	108
PA4339.102NLT	8.0	3.0	17	800	1020	93
PA4339.132NLT	9.0	2.5	21	910	1300	77

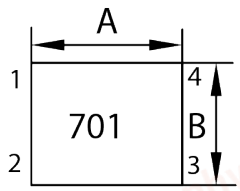
Notes:

1. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.
2. 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.
3. Inductance value is only for reference and is measured at 100kHz, 100Vrms.

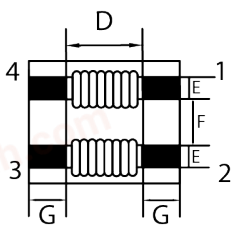
Mechanical

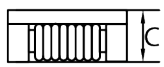
Schematic

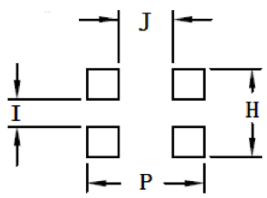
PA4339.XXXNLT



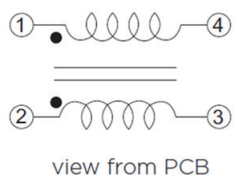
FINAL LAYOUT







SUGGESTED PAD LAYOUT



SERIES	A	B	C	D	E	F	G	I	H	J	P
PA4339.XXXNLT	7.0±0.5mm	6.0±0.5mm	MAX 3.8 mm	3.5mm	1.5±0.2mm	1.5±0.2mm	1.75±0.2mm	1.5mm	4.5mm	2.5mm	8.0mm

All Dimensions in mm.

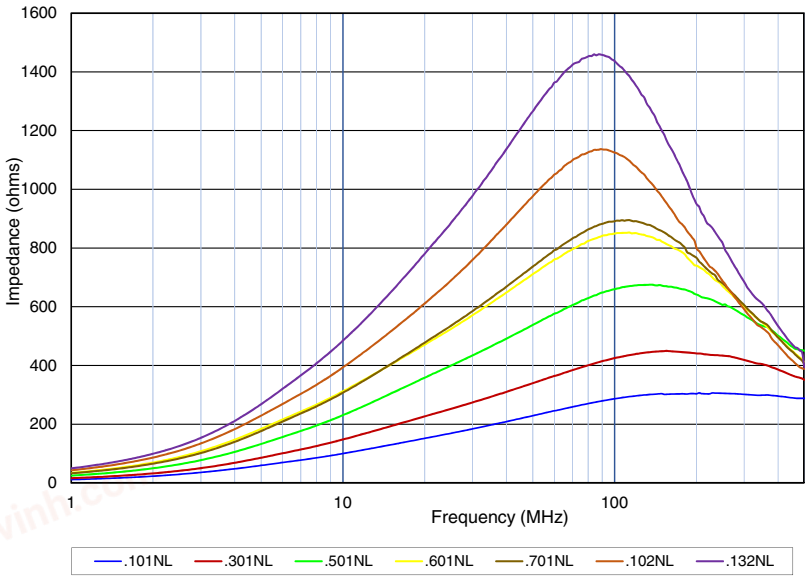
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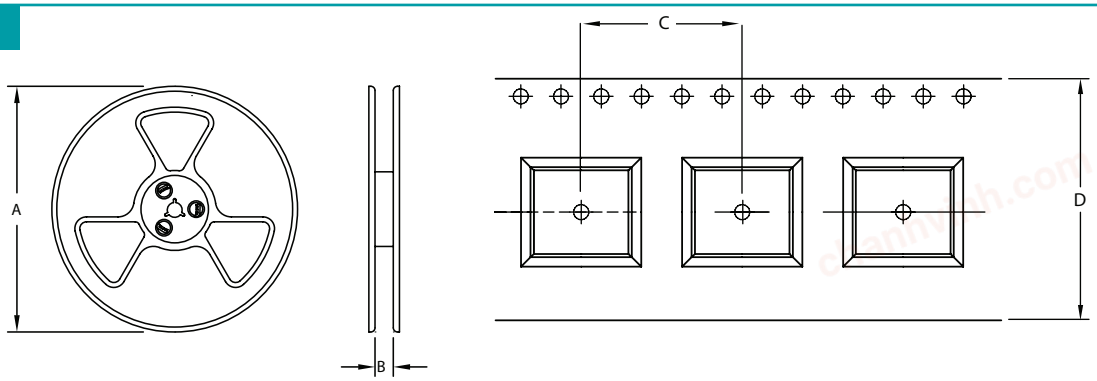
PA4339.XXXNLT Series

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PA4339.XXXNL, Typical Impedance versus Frequency



TAPE & REEL INFO



SURFACE MOUNTING TYPE, REEL/TAPE LIST					
SERIES	REEL SIZE (mm)		TAPE SIZE (mm)		QTY
	A	B	C	D	PCS/REEL
PA4339.XXXNLT	Ø330	16.4	12.0±0.1	16.0±0.3	1500

For More Information

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