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SMT Common Mode Chokes

PAC6006.XXXNLT & PAC6034.XXXNLT Series

Pulse
a YAGEO company





- *EP13 Platform*
- *Round Wire Coil (6006) and Bobbin (6034)*
- *15.5x13.5x13.5mm & 17.5x13.5x12.45mm*
- *60uH/17A to 3mH/0.92A*
- *1500Vrms Isolation (380Vrms continuous)*

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

Part Number	Inductance (1-2)=(3-4)	Irated	Leakage Inductance (1-2) with (3-4) shorted	Capacitance (1,2) to (3,4)	DCR (1-2)=(3-4)		Self Resonant Frequency (1-2)=(3-4)	Impedance @ SRF
	(uH ±40%)	(A)	(uH TYP)	(pF TYP)	(mΩ TYP)	(mΩ MAX)	(MHz TYP)	(kΩ TYP)
PAC6006.XXXNLT - 15.5 x 13.5 x 13.5mm Max								
PAC6006.503NLT	58	17	0.8	2.2	2.6	3.0	3.4	0.35
PAC6006.104NLT	130	14	1.3	2.7	3.8	4.2	11	0.61
PAC6006.204NLT	230	12	1.5	3.3	4.8	5.3	7.0	1.0
PAC6006.264NLT	291	11	2.2	2.8	6.0	6.6	5.3	1.4
PAC6006.364NLT	360	10	2.6	2.5	7.8	8.6	5.5	1.6
PAC6006.444NLT	435	8.5	3.6	2.6	10	11	4.8	1.9
PAC6006.604NLT	608	6.7	4.8	2.8	15	16	3.9	2.5
PAC6006.XXXNLT - 15.5 x 13.5 x 13.5mm Max								
PAC6034.105NLT*	850	2.1	0.6	4.4	78	85	2.6	7.8
PAC6034.205NLT*	1800	1.1	0.85	3.5	260	290	2	16.2
PAC6034.305NLT*	3000	0.95	1	4.3	335	369	1.4	26

NOTE:

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 50°C with free air cooling.
2. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.
3. Pulse complies to industry standard tape and reel specification EIA481.
4. * Inductance (1 -2)=(3-4) (uH±35%)

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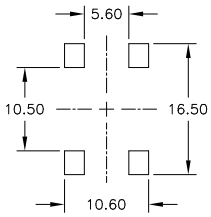
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Mechanicals

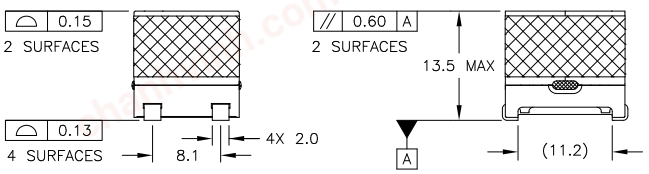
Schematic

PAC6006.XXXNLT

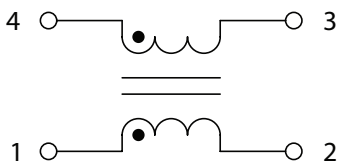




SUGGESTED LAND PATTERN



FINAL OUTLINE

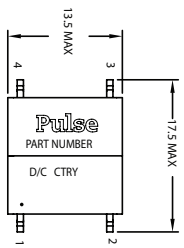


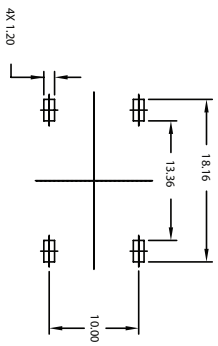
Weight (TYP) ..... 1.8 grams
Tape & Reel ..... 150/ Reel
Dimensions: mm
Unless otherwise specified, all tolerance are ±0.25

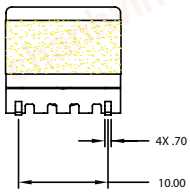
Mechanicals

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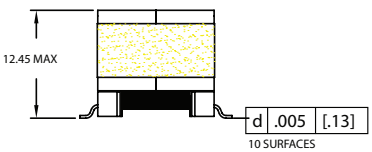
PAC6034.XXXNLT

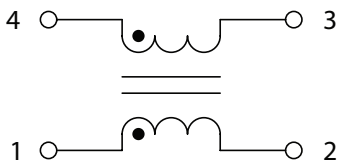






SUGGESTED LAND PATTERN





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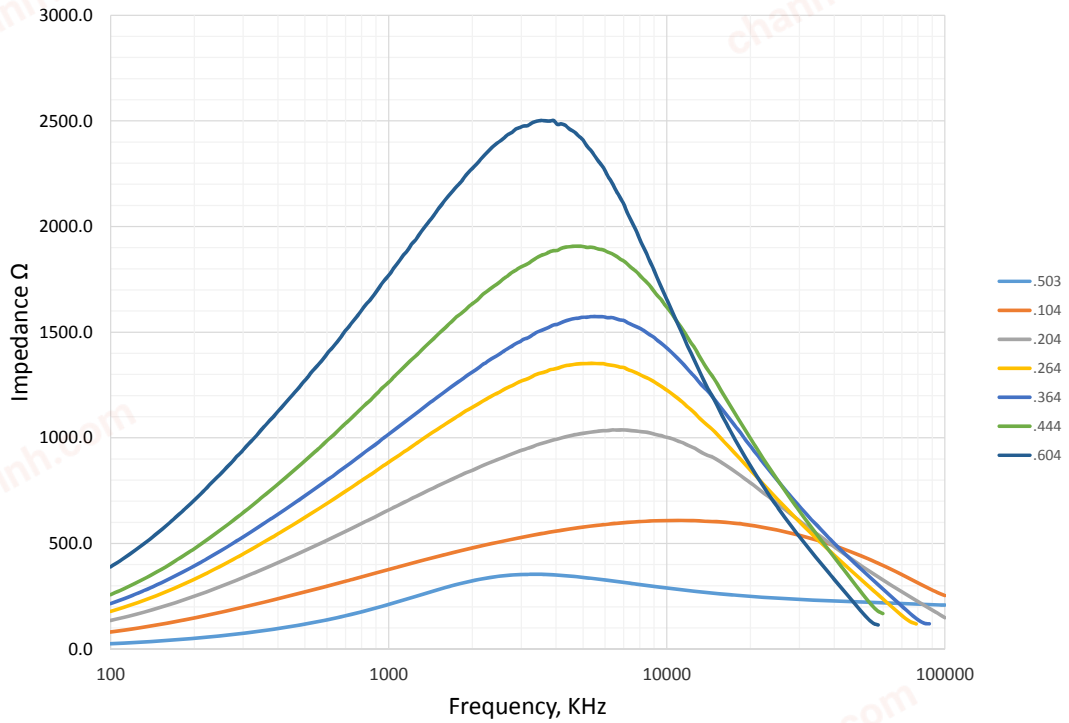
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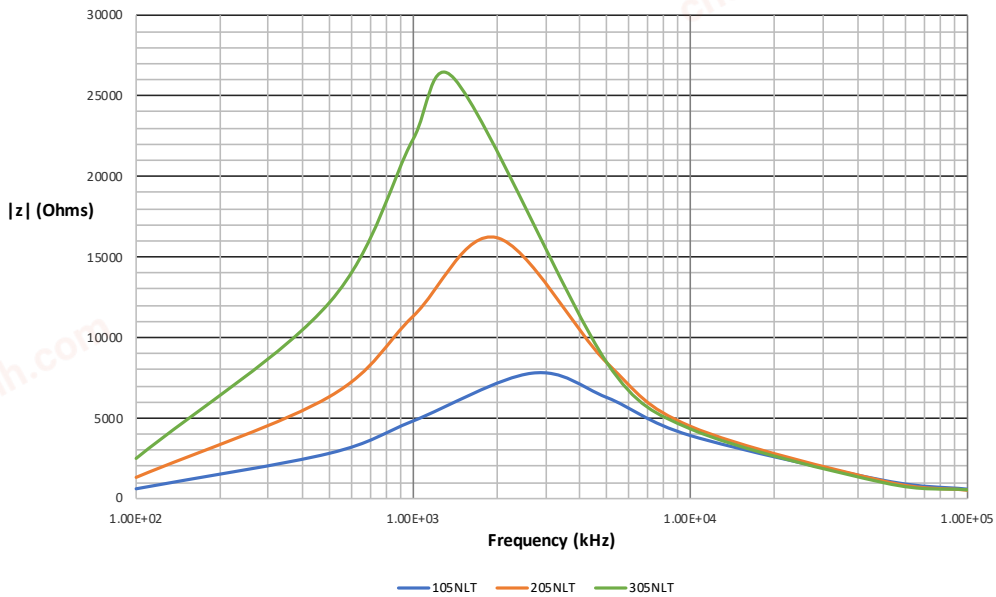
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Impedance Plots

PAC6006.XXXNLT



PAC6034.XXXNLT



For More Information:

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