

SMT Common Mode Chokes

PAC6006.XXXNLT Series



- EP13 Platform
- Round Wire Coil (6006)
- 15.5x13.5x13.5mm
- 60uH/17A to 600uH/6.7A
- 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)
PAC6006.503NLT	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

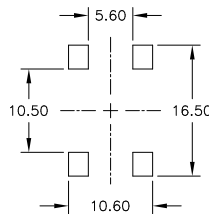
NOTE:

- 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.
- The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.
- Pulse complies to industry standard tape and reel specification EIA481.

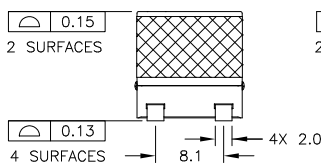
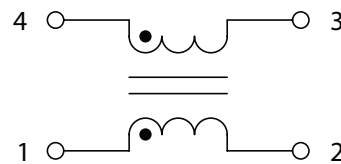
Mechanicals

Schematic

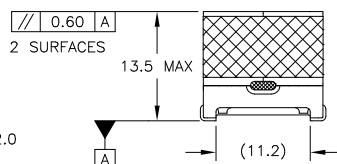
PAC6006.XXXNLT



SUGGESTED LAND PATTERN



FINAL OUTLINE



Weight (TYP) 1.8 grams

Tape & Reel 150/ Reel

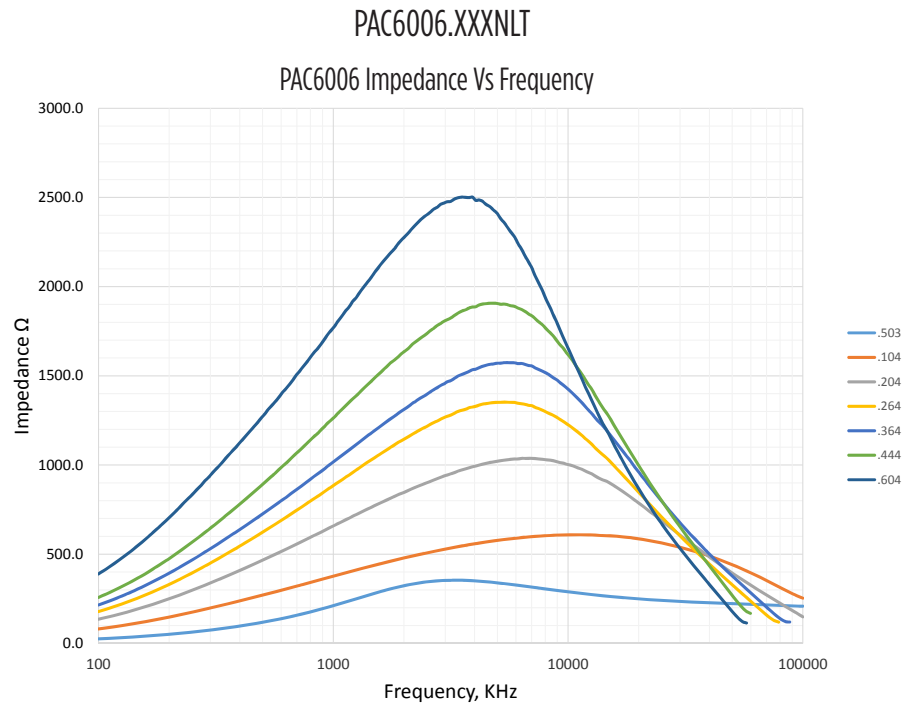
Dimensions: mm

Unless otherwise specified, all tolerance are ±0.25

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Impedance Plots



For More Information:

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