

Presidio Low Inductance Capacitors

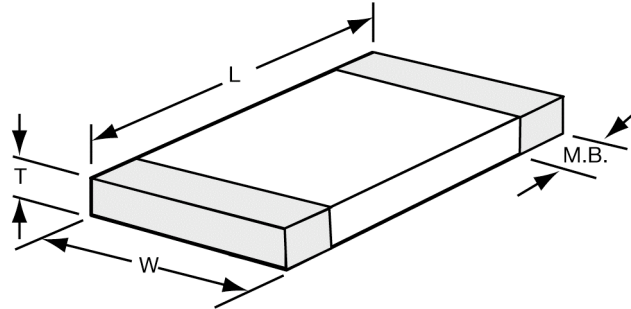
In high speed switching applications where the inductance of a traditional form factor impairs the performance of the circuit, Presidio recommends its low inductance capacitors. The inductance of this form factor is approximately one half of its counterpart. For example, the inductance of the 0508 is half that of the 0805.

Size	L inches (mm)	W inches (mm)	Thickness Max. (T) inches (mm)	Metallization Band (M.B.) inches (mm)	WVDC	Dielectric	
						X7R	MIL-PRF-123 Dielectric Thickness Compliant?
0306	0.032 (0.81) ± 0.008 (0.20)	0.063 (1.60) ± 0.008 (0.20)	0.033 (0.84)	0.005 (0.13) min. band 0.010 (0.25) min. space	5 V	0.10 µF	No
					16 V	0.039 µF	No
					25 V	0.022 µF	Yes
0508	0.050 (1.27) ± 0.010 (0.25)	0.080 (2.03) ± 0.010 (0.25)	0.045 (1.14)	0.005 (0.13) min. band 0.020 (0.51) min. space	10 V	0.12 µF	No
					16 V	0.10 µF	No
					25 V	0.047 µF	Yes
0612	0.063 (1.60) ± 0.010 (0.25)	0.126 (3.20) ± 0.010 (0.25)	0.055 (1.40)	0.005 (0.13) min. band 0.025 (0.64) min. space	16 V	0.27 µF	No
					25 V	0.22 µF	Yes
0912	0.095 (2.41) ± 0.010 (0.25)	0.126 (3.20) ± 0.010 (0.25)	0.065 (1.65)	0.005 (0.13) min. band 0.025 (0.64) min. space	16 V	0.68 µF	No
					25 V	0.47 µF	Yes
MIL-PRF-123 MINIMUM DIELECTRIC THICKNESS COMPLIANT:					0.8 mils for 50V 1.0 mils for 100V	YES/NO	

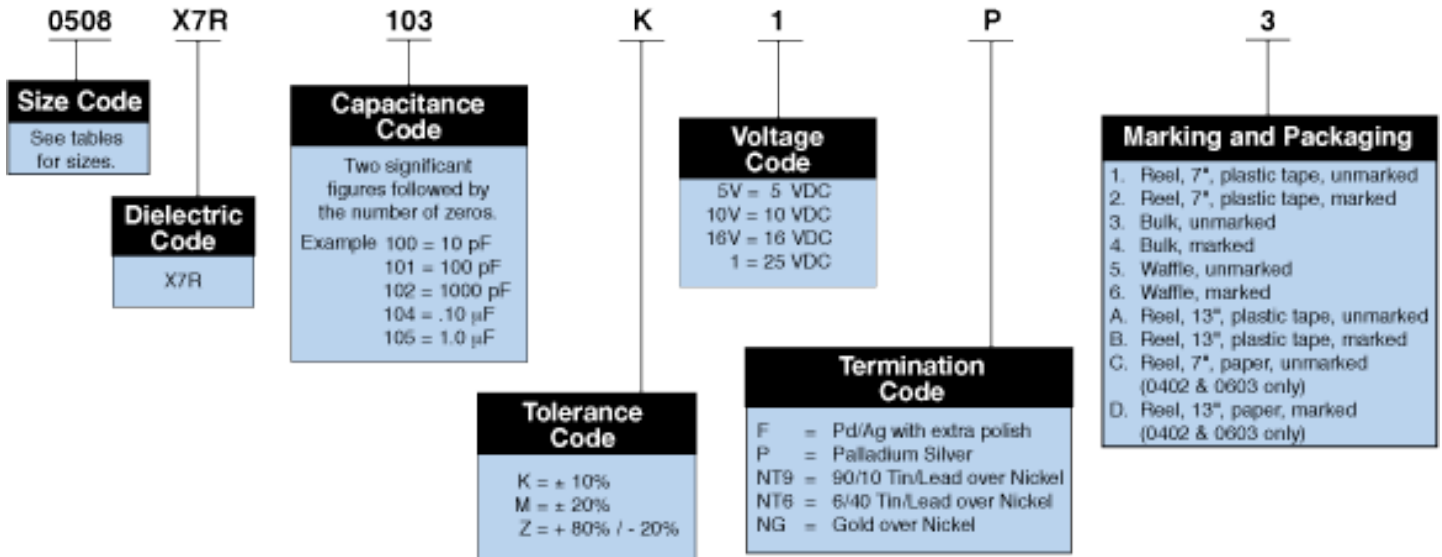


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Dimensions



How To Order



Consult factory for other voltages, capacitance options and parts outside a given range.

The above example is of Presidio's Manufacturing part number.

If a shorter part number is desired, use our [conversion tool](#) to create our Global part number.

