



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.

SIZE	L inches (mm)	W inches (mm)	THICKNESS MAX. (T) inches (mm)	METALIZATION BAND (M.B.) inches (mm)	WVDC	DIELECTRIC	
						X7R	
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	

HOW TO ORDER

EXAMPLE: 0508X7R103K2P3

