AEC-Q200 Rev C ranges

Maximum capacitance values.

		0603	0805	1206	1210	1812
50/63V	C0G/NP0	470pF	2.7nF	10nF	18nF	39nF
	X7R	33nF	150nF	330nF	680nF	1.5µF
100V	C0G/NP0	330pF	1.8nF	6.8nF	12nF	27nF
	X7R	10nF	47nF	150nF	470nF	1µF
200V	C0G/NP0	100pF	680pF	2.2nF	4.7nF	12nF
	X7R	5.6nF	27nF	100nF	220nF	470nF
500V	C0G/NP0	n/a	330pF	1.5nF	3.9nF	10nF
	X7R	n/a	8.2nF	33nF	100nF	270nF
1kV	C0G/NP0	n/a	n/a	470pF	1nF	3.3nF
	X7R	n/a	n/a	4.7nF	15nF	56nF
		0603	0805	1206	1210	1812

Ordering information - AEC-Q200 Rev C

1210	Y	100	0103	J	E	T	_ _ _
Chip size	**Termination**	**Voltage**	**Capacitance in picofarads (pF)**	**Capacitance tolerance**	**Dielectric reliability release codes**	**Packaging**	**Suffix code**
0603 0805 1206 1210 1812	**Y** = FlexiCap™ termination base with nickel barrier (100% matte tin plating). RoHS compliant. **J** = Silver base with nickel barrier (100% matte tin plating). RoHS compliant. (J termination not available with X7R products).	050 = 50V 063 = 63V 100 = 100V 200 = 200V 500 = 500V 1K0 = 1kV	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0103 = 10nF	<10pF B = ±0.1pF C = ±0.25pF D = ±0.5pF ≥ 10pF F = ±1% G = ±2% J = ±5% K = ±10% M = ±20%	**A** = C0G/NP0 (1B) **E** = X7R (2R1)	**T** = 178mm (7") reel **R** = 330mm (13") reel **B** = Bulk pack - tubs	Used for specific customer require-ments