



Size	01005	0201	0402	0603	0805	1206	1210	1808	1812
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Dielectric	NPO			X7R		X5R		Y5V	
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### General Application

General Purpose	High Cap
<b>Dielectric:</b> NP0, X7R, Y5V <b>Size :</b> 0402, 0603, 0805, 1206, 1210, 1812 <b>Rated voltage:</b> 16V to 100V <b>Capacitance :</b> 0.5pF to 0.82uF	<b>Dielectric:</b> X7R, X5R, Y5V <b>Size :</b> 0402, 0603, 0805, 1206, 1210, 1812 <b>Rated voltage:</b> 6.3V to 50V <b>Capacitance :</b> 1uF to 100uF

### Power Management and Safety Application

Middle and High Voltage	Safety Certificated	Soft termination MLCC SH/SG	Open-Mode Design
<b>Dielectric:</b> NPO, X7R, Y5V <b>Size:</b> 0603, 0805, 1206, 1210, 1812 <b>Rated Voltage:</b> 200V to 3KV <b>Capacitance:</b> 0.5pF to 0.68uF	<b>Dielectric:</b> NP0, X7R <b>Size:</b> 1808, 1812, 2211 <b>Rated Voltage:</b> 250 Vrms <b>Capacitance:</b> 10pF to 4700pF <b>Safety Class:</b> X1/Y2, X2/Y3	<b>Dielectric:</b> NP0, X7R, X5R, Y5V <b>Size:</b> 0402, 0603, 0805, 1206, 1210, 1808, 1812 <b>Rated Voltage:</b> 10V to 3KV <b>Capacitance:</b> 0.5pF to 1uF	<b>Dielectric:</b> X7R <b>Size:</b> 0805, 1206, 1210, 1812 <b>Rated Voltage:</b> 100V to 500V <b>Capacitance:</b> 100pF to 1uF

### High Frequency Application

HH (High Q/ Low ESR)	RF (Ultra High Q/ Low ESR)	Low Inductance
<b>Dielectric :</b> NP0 <b>Size :</b> 0402, 0603, 0805 <b>Rated voltage:</b> 16V to 630V <b>Capacitance :</b> 0.1pF to 3300pF	<b>Dielectric:</b> NP0 <b>Size:</b> 01005, 0201, 0402, 0603, 0805 <b>Rated voltage:</b> 6.3V to 250V <b>Capacitance:</b> 0.1pF to 100pF	<b>Dielectric:</b> X7R <b>Size:</b> 0612 <b>Rated voltage:</b> 50V <b>Capacitance:</b> 0.01uF to 0.15uF

### Miniaturization Application

Ultra-Small size	Cap Arrays	Low Profile
<b>Dielectric :</b> NP0, X7R, X5R <b>Size :</b> 01005, 0201 <b>Rated voltage:</b> 6.3V to 50V <b>Capacitance :</b> 0.3pF to 0.1uF	<b>Dielectric :</b> NP0, X7R, Y5V <b>Size:</b> 0603x4, 0402x4 <b>Rated voltage:</b> 16V to 50V <b>Capacitance :</b> 10pF to 0.1uF	<b>Dielectric :</b> X5R, Y5V, NP0 <b>Size :</b> 0201, 0402, 0603, 0805, 1206, 1210 <b>Rated voltage:</b> 6.3V to 25V <b>Capacitance :</b> 0.22uF to 22uF

### Automotive Application (AEC-Q200)

MT	MY (Array)	RT (Ultra High Q/ Low ESR)
<b>Dielectric :</b> NP0 <b>Size :</b> 0402, 0603, 0805 <b>Rated voltage:</b> 10V to 200V <b>Capacitance :</b> 0.5pF to 2200pF	<b>Dielectric:</b> NP0, X7R <b>Size:</b> 0402x4 <b>Rated voltage:</b> 10V to 50V <b>Capacitance:</b> 10pF to 0.1uF	<b>Dielectric:</b> NP0 <b>Size:</b> 0201, 0402, 0603 <b>Rated voltage:</b> 6.3V to 250V <b>Capacitance:</b> 0.1pF to 47pF