



CAPACITORS

0603 SMD, Multilayer Ceramic Chip Capacitors

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
22606	CC0603KRX7R9BB222	YAGEO	0603 Multilayer Ceramic Capacitor	2200pF	50V	X7R	±10%
20314	CC0603KRX7R9BB272	YAGEO	0603 Multilayer Ceramic Capacitor	2700pF	50V	X7R	+/-10%
20437	CC0603KRX7R9BB331	YAGEO	0603 Multilayer Ceramic Capacitor	330pF	50V	X7R	+/-10%
20438	CC0603KRX7R9BB334	YAGEO	0603 Multilayer Ceramic Capacitor	0.33uF (334P)	50V	X7R	+/-10%
15831	CC0603KRX7R9BB561	YAGEO	0603 Multilayer Ceramic Capacitor	560pF	50V	X7R	+/-10%
28979	CC0603KRX7R9BB822	YAGEO	0603 Multilayer Ceramic Capacitor	8.2nF	50V	X7R	+/-10%
15848	CC0603KRX7R9BN221	YAGEO	0603 Multilayer Ceramic Capacitor	220pF	50V	X7R	+/-10%
15818	CC0603KRX7R9BN222	YAGEO	0603 Multilayer Ceramic Capacitor	2.2nF	50V	X7R	+/-10%
15813	CC0603KRX7R9BN331	YAGEO	0603 Multilayer Ceramic Capacitor	330pF	50V	X7R	+/-10%
15828	CC0603KRX7R9BN332	YAGEO	0603 Multilayer Ceramic Capacitor	3.3nF	50V	X7R	+/-10%
15854	CC0603KRX7R9BN391	YAGEO	0603 Multilayer Ceramic Capacitor	390pF	50V	X7R	+/-10%
20315	CC0603KRX7R9BN471	YAGEO	0603 Multilayer Ceramic Capacitor	470pF	50V	X7R	+/-10%
15830	CC0603KRX7R9BN472	YAGEO	0603 Multilayer Ceramic Capacitor	4.7nF	50V	X7R	+/-10%
15814	CC0603KRX7R9BN562	YAGEO	0603 Multilayer Ceramic Capacitor	5600pF	50V	X7R	+/-10%
15851	CC0603KRX7R9BN682	YAGEO	0603 Multilayer Ceramic Capacitor	0.0068uF	50V	X7R	+/-10%
23795	CC0603ZRY5V5BB225	YAGEO	0603 Multilayer Ceramic Capacitor	2.2uF	6.3V	Y5V	-20~+80%
22579	CC0603ZRY5V6BB105	YAGEO	0603 Multilayer Ceramic Capacitor	1uF	10V	Y5V	-20+80%
32538	CC0603ZRY5V7BB105	YAGEO	0603 Multilayer Ceramic Capacitor	1uF	16V	Y5V	-20+80%
15820	CC0603ZRY5V7BB224	YAGEO	0603 Multilayer Ceramic Capacitor	0.22uF	16V	Y5V	-20+80%
15847	CC0603ZRY5V7BB334	YAGEO	0603 Multilayer Ceramic Capacitor	330nF (0.33uF)	16V	Y5V	-20+80%
15849	CC0603ZRY5V7BB474	YAGEO	0603 Multilayer Ceramic Capacitor	0.47uF	16V	Y5V	-20+80%
14197	CC0603ZRY5V8BB104	YAGEO	0603 Multilayer Ceramic Capacitor	0.1uF	25V	Y5V	-20+80%
16339	CC0603ZRY5V8BB223	YAGEO	0603 Multilayer Ceramic Capacitor	0.22uF	25V	Y5V	+80-20%
15838	CC0603ZRY5V9BB103	YAGEO	0603 Multilayer Ceramic Capacitor	10nF	50V	Y5V	-20+80%
23719	CC0603ZRY5V9BB104	YAGEO	0603 Multilayer Ceramic Capacitor	0.1uF(100nF)	50V	Y5V	-20+80%
22151	CC0603ZRY5V9BB104	YAGEO	0603 Multilayer Ceramic Capacitor	0.1uF	50V	Y5V	-20+80%
15844	CC0603ZRY5V9BB273	YAGEO	0603 Multilayer Ceramic Capacitor	27nF	50V	Y5V	-20+80%
15843	CC0603ZRY5V9BB333	YAGEO	0603 Multilayer Ceramic Capacitor	33nF	50V	Y5V	-20+80%
15812	CC0603ZRY5V9BB473	YAGEO	0603 Multilayer Ceramic Capacitor	47nF	50V	Y5V	-20+80%
27900	CP03102KXREX		SMD Multilayer Ceramic Chip Capacitors	1000pF	50V	X7R	±10%
27401	CP03102KXREX		0603 Multilayer Ceramic Capacitor	1nF	50V	X7R	+/-10%
27400	CP03104KXRCX		0603 Multilayer Ceramic Capacitor	0.1uF	16V	X7R	±10%
27890	CP032R0CNOEX		SMD Multilayer Ceramic Chip Capacitors	2pF±0.25pF	50V	NPO	
27895	CP03330JNOEX		SMD Multilayer Ceramic Chip Capacitors	33pF	50V	NPO	±5%
27902	CP03472KXREX		SMD Multilayer Ceramic Chip Capacitors	4700pF	50V	X7R	±10%
27897	CP03560JNOEX		SMD Multilayer Ceramic Chip Capacitors	56pF	50V	NPO	±5%
27898	CP03561KXREX		SMD Multilayer Ceramic Chip Capacitors	560pF	50V	X7R	±10%
27899	CP03681KXREX		SMD Multilayer Ceramic Chip Capacitors	680pF	50V	X7R	±10%
20316	MA0603XR-223K-500PR		0603 Multilayer Ceramic Capacitor	0.022uF	50V	X7R	+/-10%

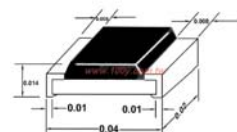
FEATURES:

- C0G (NPO), X7R, X5R, Z5U and Y5U Dielectrics
- 10, 16, 25, 50, 100 and 200 volts
- Standard end metalization: tin-plate over nickel barrier
- Available capacitance tolerances: ±0.10pF; ±0.25pF; ±0.5pF; ±1%; ±2%; ±5%; ±10%; ±20%; and +80%~20%
- Tape and reel packaging per EIA481-1. Bulk cassette dackaging (0402, 0603, 0805, only) per IEC 60286-6 and EIAJ7201
- RoHS compliant



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
27915	C0603C475K9PAC7867	KEMET	0603 Multilayer Ceramic Capacitor	4.7uF	6.3V	X7R	±10%

0402 SMD, Multilayer Ceramic Chip Capacitors



Y5V

Testing Items

Capacitance:

Dielectric strength

Temperature coefficient

X7R

Testing Items

Capacitance:

Dielectric strength

Temperature coefficient

Test condition:

≤22μF 1.0±0.2Vrms. 1KHz±10%
>22μF 0.5±0.1Vrms. 120Hz±10Hz, 25°C

To apply voltage (<50V):250% of rated voltage for 1~5sec
Charge & discharge current less than 50mA

With no electrical load -25~85°C at 20°C

Test condition:

1.0±0.2Vrms. 1KHz±10%

1.0±0.2Vrms. 1KHz±10%

With no electrical load -55~125°C at 25°C

Requirements:

shall not exceed the limits given in the detailed spec

No evidence of damage or flash over during test

With+30%/-80%

Requirements:

shall not exceed the limits given in the detailed spec

≤2.5% Rated voltage:≥50V
≤3.5% Rated voltage:25V, 16V
≤5.0% Rated voltage:10V

With+15%

