

CAPACITORS



Description: 0815 surface mount cap
 Capacitance: 10µF
 Tolerance (±) : +80-20%
 Voltage DCV: 10V
 Dielectric: Y5V

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

Part No.	Product No.	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
2812 6	CM21X5R106K06AT	0805 Multilayer Ceramic Capacitor	10uF (106pF)	6.3	X5R	±20%
20620	CP106Z10VYV RB	0805 Surface Mount Cap.	10uF	10V	Y5V	+80-20%
20614	CP225Z16VY VRB	0805 Surface Mount Cap.	2.2uF	16V	Y5V	+80-20%



FEATURES

- Small and large capacitance multilayer ceramic chip capacitor by panasonic creative material techenology
- and high precision lamination technology.
- Low ESR, low ESL and excellent high-frequently
- Opetimal to charge from tantalum chip capacitors and aluminum electrolytic capacitors!



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
29139	ECJ2FB1E105K	Panasonic	Multilayer Ceramic Chip Cap.	1.0µF	25V	X5R	±10%
29140	ECJ2FB1E225K	Panasonic	Multilayer Ceramic Chip Cap.	2.2UF	25V	X5R	±10%
27862	ECJ2FF1A106Z	Panasonic	0805 Multilayer Ceramic Capacitor	10uF (106pF)	10	Y5V	-20+80%

0603 SMD, Multilayer Ceramic Chip Capacitors

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



Testing Items

Capacitance:

Test condition:

1. 0±0. 2Vrms. 1KHz±10%

Dielectric strength

1. 0±0. 2Vrms. 1KHz±10%

Temperature coefficient

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

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%



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
37921	0603B223K500CT	WALSIN	SMD Multilayer Ceramic Chip Capacitors	22nF	50V	X7R	±10%
40718	0603F104Z250CT	WALSIN	0603 Multilayer Ceramic Capacitor	0.1uF	25V	Y5V	-20%+80%
28917	0603X7R392K3OST	WALSIN	0603 Multilayer Ceramic Capacitor	3900pF	50V	X7R	±10%
29624	CC0603-X7R152K/50V	WALSIN	0603 SMD, Multilayer Ceramic Chip Capacitors	1.5nF	50V	X7R	±10%



INTRODUCTION:

The Y5V has high K value, Its electrical properties vary considerably under changing voltage temperature and time. It's suitable for all general purpose applications where high capacitance values are required, and are ideal for temperature applications with low DC bias

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
24068	0603-3300P/50V	LIKET	0603 Multilayer Ceramic Capacitor	3300pF	50V	X7R	+/-10%
28812	0603F105Z160CT	LIKET	0603 Multilayer Ceramic Capacitor	1uF	16V	Y5V	-20+80%
23794	CP104U10VYVR4	LIKET	Surface Mount Cap.	104PF	50V	Y5V	+80-20%
20617	CP104Z10VYVRA	LIKET	Surface Mount Cap.	104PF	10V	Y5V	+80-20%
20619	CP105Z10VYVRA	LIKET	Surface Mount Cap.	105PF	10V	Y5V	+80-20%
16556	CP124PZ25VYVRA	LIKET	0603 Multilayer Ceramic Capacitor	125pF	25V	Y5V	+80-20%
13617	CP1P5C50VNORA	LIKET	0603 Multilayer Ceramic Capacitor	1.5PF	50V	NPO	+/-0.25pF
20618	CP220J50VNORA	LIKET	Surface Mount Cap.	22PF	50V	NPO	+/- 5%
13618	CP3P3C50VNORA	LIKET	0603 Multilayer Ceramic Capacitor	3.3PF	50V	NPO	+/-0.25pF
20613	CP472K50VXRRR	LIKE T	0603 Surface Mount Cap.	472PF	50V	X7R	+/- 10%



MLCC is an electronic part that temporarily stores an electrical charge and the most prevalent type of capacitor today. New technologies have enable the MLCC manufacturers to follow the miniturization trend dictated by smaller and smaller electronic device. such as cellular telephones, computers, dsc, dvc



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
40719	CL10B103KBNC	SAMSUNG	0603 Multilayer Capacitor	10nF	50V	X7R	±10%
28909	CP03103KXRES	SAMSUNG	0603 Multilayer Ceramic Capacitor	0.01uF	50V	X7R	±10%
28918	CP03104KXRCX	SAMSUNG	0603 Multilayer Ceramic Capacitor	0.1uF	16V	X7R	±10%
27893	CP03200JNOEX	SAMSUNG	SMD Multilayer Ceramic Chip Capacitors	20pF	50 V	NPO	±5%

