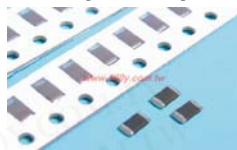




CAPACITORS

1206 SMD Multilayer Ceramic Chip Capacitors

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



SCOPE:

The specifications are applicable to all series of chip type multi-layer ceramic capacitor

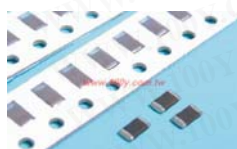
Include Dielectrics: NPO, X7R, X5R and Y5V

Chip size: 0402, 0603, 0805, 1206, 1210, 1812

Capacitance: 0.5pF~47.0μF



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
15806	1206-0.047uF ±20%	YAGEO	1206 Multilayer Capacitor	0.047uF	50	Y5V	+/-20%
15808	1206-0.22uF-20+80%	YAGEO	1206 Multilayer Capacitor	0.22uF	50	Y5V	-20+80%
15810	1206-0.47uF-20+80%	YAGEO	1206 Multilayer Capacitor	0.47uF	50	Y5V	-20+80%
23832	1206-10uF +80-20 %	YAGEO	1206 Multilayer Capacitor	10uF	16V	Y5V	+80-20%
13418	1206-10uF +80-20%	YAGEO	1206 Multilayer Capacitor	10uF	120V	Y5V	+80-20%
15811	1206-150nF±20%	YAGEO	1206 Multilayer Capacitor	150nF(0.15uF)	50V	Y5V	+/-20%
16333	1206-1uF ±20%	SYNTON	1206 Multilayer Capacitor	1uF	50V	Y5V	+/-20%
15804	1206-1uF ±20%	SYNTON	1206 Multilayer Capacitor	1uF	25V	Y5V	+/-20%
15807	1206-0.1uF ±10%	YAGEO	1206 Multilayer Capacitor	0.1uF	50	X7R	+/-10%
15805	1206-0.1uF ±20%	YAGEO	1206 Multilayer Capacitor	0.1uF	50	Y5V	+/-20%
15809	1206-0.33uF-20+80%	YAGEO	1206 Multilayer Capacitor	0.33uF	50	Y5V	-20+80%
23833	1206-1nF ±10%	YAGEO	1206 Multilayer Capacitor	1nF	2KV	X7R	±10%
22557	1206-1uF +80-20%	YAGEO	1206 Multilayer Capacitor	1μF	25V	Y5V	+80-20%
28824	1206-4.7uF-20+80%	YAGEO	1206 Multilayer Capacitor	4.7uF	16	Y5V	-20+80%



FEATURES:

- High capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layer
- A monolithic structure ensures superior mechanical strength and reliability
- High-accuracy automatic mounting is facilitated through the maintenance of very precise dimensional tolerances
- Composed of only ceramics and metals these capacitors provide extremely dependable performance exhibiting virtually no degradation even when subjected to temperature extremes
- Low stray capacitance ensures high conformity with nominal values thereby simplifying the circuit design process
- Low residual inductance assures superior frequency characteristics



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
31748	1206-10uF -20+80%	TDK	12006 Multilayer Capacitor	10uF	16V	Y5V	-20+80%
40656	C3216X5R1C106KT000E	TDK	1206 Multilayer Capacitor	10uF	16V	X5R	+/-10%



ITEM

Appearance

Insulation resistance

Withstanding voltage

PERFORMANCE

No abnormal exterior appearance

10,000MΩ or 500MΩ,μF whichever is smaller
Rated voltage is below 16V
10,000MΩ or 100MΩ, μF whichever is smaller

No dielectric breakdown of mechanical breakdown

TEST CONDITION

Though microscope (x10)

Apply the rated voltage for 60~120 sec

Class I : 300% of the rated voltage for 1~5 sec
Class II : 250% of the rated voltage for 1~5 sec
is applied with less than 50mA current

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
40655	CL31F475ZONE	SAMSUNG	1206 Multilayer Capacitor	4.7uF	16V	Y5V	-20+80%

0805 SMD Multilayer Ceramic Chip Capacitors

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



SCOPE:

The specifications are applicable to all series of chip type multi-layer ceramic capacitor

Include Dielectrics: NPO, X7R, X5R and Y5V

Chip size: 0402, 0603, 0805, 1206, 1210, 1812

Capacitance: 0.5pF~47.0μF



Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
15787	0805B102K500AD	YAGEO	0805 Multilayer Ceramic Capacitor	1000pF(1nF)	50V	X7R	10%
16129	0805B103K500NT	YAGEO	0603 Multilayer Ceramic Capacitor	0.01uF	50V	X7R	
28916	0805B104K250CT	WALSIN	0805 Multilayer Ceramic Capacitor	0.1uF(104P)	25V	X7R	±10%
15780	0805B151K500NT	YAGEO	0805 Multilayer Ceramic Capacitor	150pF	50V	X7R	10%
15788	0805B152K500NT	YAGEO	0805 Multilayer Ceramic Capacitor	150pF(1.5nF)	50V	X7R	+/-10%
15781	0805B181K500NT	YAGEO	0805 Multilayer Ceramic Capacitor	180pF	50V	X7R	+/-10%
14957	0805B221K500NT	YAGEO	Multilayer Capacitor	220pF	50V	X7R	+/-10%

