

CAPACITORS

0603 SMD, Multilayer Ceramic Chip Capacitors

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



Characteristics

Temperature characteristic/
coefficient (TC)

Capacitance tolerance

Dissipation factor (P. F.)

Insulation resistance (1R)

Test conditions

With respect to 20°C within operation
temperature range

With respect to 20°C
C≤1000pF 1Vrms/1MHz
C>1000pF 1Vrms/1KHz

With respect to 20°C
C≤1, 000pF 1Vrms/1MHz
C>1, 000pF 1Vrms/1KHz

At ur (rated voltage) for 1 minute
Ur>500V. at 500V (DC) for 1 minute

Requirement

NPO=16V, 0±60ppm/K
NPO>16V, 0±30ppm/K

C<5;±0. 1pF, ±0. 25pF
C≥5;≥0. 25pF, ±0. 5pF
C≥10pF; ±2%, ±5%

C<10pF
D. F. ≤10 (3/C+0. 7) X10⁻⁴ or 30x10⁻⁴
Whichever is less C≥10pF, D. F. ≤10X10⁻⁴

R_{ins}>10GΩ or R_{ins}xC≥500s
which ever is less

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Dielectric	Tolerance(±)
24905	0603-0.5pF ±0.25pF		0603 Multilayer Ceramic Capacitor	0.2pF	50V	NPO	±0.25pF
15834	0603B271K500NT	SYNTON	0603 Multilayer Ceramic Capacitor	270pF	50V	X7R	+/-10%
15855	0603B301K500NT	SYNTON	0603 Multilayer Ceramic Capacitor	300pF	50V	X7R	+/-10%
20143	0603X7R103K3OST		0603 Multilayer Ceramic Capacitor	10nF(0.01uF)	50V	X7R	+ /-10%
28576	C1608NP0220JGT		0603 Multilayer Ceramic Capacitor	22pF	50V	NP O	+/-5%
17895	CC0603CRNPO9BB4R7	YAGEO	0603 4.7pF/50V Ceramic Multilayer Capacitor	4.7pF	50V	NPO	+/-0.25pF
15832	CC0603CRNPO9BN1R0	YAGEO	0603 Multilayer Ceramic Capacitor	1pF	50V	NPO	+/-0.25pF
15842	CC0603CRNPO9BN2R0	YAGEO	0603 Multilayer Ceramic Capacitor	2pF	50V	NPO	+/-0.25pF
15821	CC0603CRNPO9BN4R0	YAGEO	0603 Multilayer Ceramic Capacitor	4pF	50V	NPO	+/-0.25pF
16930	CC0603CRNPO9BN6R8	YAGEO	0603 Multilayer Ceramic Capacitor	6.8pF	50V	NPO	+/-0.25pF
16931	CC0603CRNPO9BN8R2	YAGEO	0603 Multilayer Ceramic Capacitor	8.2pF	50V	NPO	+/-0.25pF
15829	CC0603DRNPO9BB7R0	YAGEO	0603 Multilayer Ceramic Capacitor	7pF	50V	NPO	+/-0.5pF
15841	CC0603DRNPO9BN5R0	YAGEO	0603 Multilayer Ceramic Capacitor	5pF	50V	NPO	+/-0.5pF
15825	CC0603DRNPO9BN6R0	YAGEO	0603 Multilayer Ceramic Capacitor	6pF	50V	NPO	+/-0.5pF
15839	CC0603DRNPO9BN8R0	YAGEO	0603 Multilayer Ceramic Capacitor	8pF	50V	NPO	+/-0.5pF
40312	CC0603DRNPO9BN8R2	YAGEO	0603 Multilayer Ceramic Capacitor	8.2pF	50V	NPO	+/-0.5pF
15856	CC0603GRNPO0BN100	YAGEO	0603 Multilayer Ceramic Capacitor	10pF	100V	NPO	+/-2%
23789	CC0603JRNPO9BB390	YAGEO	0603 Multilayer Ceramic Capacitor	39pF	50V	NPO	±5%
28433	CC0603JRNPO9BN180	YAGEO	0603 Multilayer Ceramic Capacitor	18pF	50V	NPO	+/-5%
15852	CC0603JRNPO9BN220	YAGEO	0603 Multilayer Ceramic Capacitor	22pF	50V	NPO	+/-5%
28556	CC0603JRNPO9BN470	YAGEO	0603 Multilayer Ceramic Capacitor	47pF	50V	NPO	+/-5%
15816	CC0603JRNPO9BB200	YAGEO	0603 Multilayer Ceramic Capacitor	20pF	50V	NPO	+/-5%
15837	CC0603JRNPO9BN100	YAGEO	0603 Multilayer Ceramic Capacitor	10pF	50V	NPO	+/-5%
22677	CC0603JRNPO9BN100	YAGEO	0603 Multilayer Ceramic Capacitor	10pF	50V	NPO	+/-5%
22509	CC0603JRNPO9BN100	YAGEO	0603 Multilayer Ceramic Capacitor	10pF	100V	NPO	+/-5%
19654	CC0603JRNPO9BN101	YAGEO	0603 Multilayer Ceramic Capacitor	100pF	50V	NPO	+/-5%
15836	CC0603JRNPO9BN120	YAGEO	0603 Multilayer Ceramic Capacitor	12pF	50V	NPO	+/-5%
15827	CC0603JRNPO9BN150	YAGEO	0603 Multilayer Ceramic Capacitor	15pF	50V	NPO	+/-5%
16932	CC0603JRNPO9BN151	YAGEO	0603 Multilayer Ceramic Capacitor	150pF	50V	NPO	+/-5%
15846	CC0603JRNPO9BN151	YAGEO	0603 Multilayer Ceramic Capacitor	22nF	50V	Y5V	-20+80%
16338	CC0603JRNPO9BN180	YAGEO	0603 Multilayer Ceramic Capacitor	18pF	50V	NPO	+/-5%
16933	CC0603JRNPO9BN221	YAGEO	0603 Multilayer Ceramic Capacitor	220pF	50V	NPO	+/-5%
15845	CC0603JRNPO9BN270	YAGEO	0603 Multilayer Ceramic Capacitor	27pF	50V	NPO	+/-5%
15822	CC0603JRNPO9BN300	YAGEO	0603 Multilayer Ceramic Capacitor	30pF	50V	NPO	+/-5%
15528	CC0603JRNPO9BN330	YAGEO	0603 Multilayer Ceramic Capacitor	33pF	50V	NPO	+/-5%
15835	CC0603JRNPO9BN470	YAGEO	0603 Multilayer Ceramic Capacitor	47pF	50V	NPO	+/-5%
15824	CC0603JRNPO9BN560	YAGEO	0603 Multilayer Ceramic Capacitor	56pF	50V	NPO	+/-5%
36498	CC0603JRNPO9BN620	YAGEO	0603 Multilayer Ceramic Capacitor	62pF	50V	NPO	+/-5%
26992	CC0603JRNPO9BN680	YAGEO	0603 Multilayer Ceramic Capacitor	68pF	50V	NPO	±5%
15823	CC0603KRNP09BN101	YAGEO	0603 Multilayer Ceramic Capacitor	100pF	50V	NPO	+/-10%
15826	CC0603KRNP09BN121	YAGEO	0603 Multilayer Ceramic Capacitor	120pF	50V	NPO	+/-10%
29258	CC0603KRNP09BN150	YAGEO	0603 Multilayer Ceramic Capacitor	15pF	50V	NPO	±10%
15833	CC0603KRNP09BN680	YAGEO	0603 Multilayer Ceramic Capacitor	68pF	50V	NPO	+/-10%
23853	CC0603KRX5R6BB105	YAGEO	0603 Multilayer Ceramic Capacitor	1uF	10V	X5R	±10%
28577	CC0603KRX7R7BB104	YAGEO	0603 Multilayer Ceramic Capacitor	0.1uF	16V	X7R	+/-10%
32536	CC0603KRX7R7BB105	YAGEO	0603 Multilayer Ceramic Capacitor	1uF	16V	X7R	+/-10%
16919	CC0603KRX7R7BN333	YAGEO	0603 Multilayer Ceramic Capacitor	33nF	50V	X7R	+/-10%
20312	CC0603KRX7R8BB104	YAGEO	0603 Multilayer Ceramic Capacitor	100nF	25V	X7R	+/-10%
20313	CC0603KRX7R8BB473	YAGEO	0603 Multilayer Ceramic Capacitor	47nF	25V	X7R	+/-10%
15840	CC0603KRX7R9BB102	YAGEO	0603 Multilayer Ceramic Capacitor	1nF	50V	X7R	+/-10%
23916	CC0603KRX7R9BB103	YAGEO	0603 Multilayer Ceramic Capacitor	10nF	50V	X7R	+ /-10%
20311	CC0603KRX7R9BB103	YAGEO	0603 Multilayer Ceramic Capacitor	10nF	50V	X7R	+/-10%
15819	CC0603KRX7R9BB151	YAGEO	0603 Multilayer Ceramic Capacitor	150pF	50V	X7R	+/-10%
29001	CC0603KRX7R9BB152	YAGEO	0603 Multilayer Ceramic Capacitor	1.5nF	50V	X7R	+/-10%
20436	CC0603KRX7R9BB153	YAGEO	0603 Multilayer Ceramic Capacitor	15nF	50V	X7R	±10%
40448	CC0603KRX7R9BB153	YAGEO	0603 Multilayer Ceramic Capacitor	15nF	50V	X7R	±10%
40271	CC0603KRX7R9BB181	YAGEO	0603 Multilayer Ceramic Capacitor	180pF	50V	X7R	+/-10%
40313	CC0603KRX7R9BB182	YAGEO	0603 Multilayer Ceramic Capacitor	1800pF	50V	X7R	+/-10%
28781	CC0603KRX7R9BB202	YAGEO	0603 Multilayer Ceramic Capacitor	2nF	50V	X7R	±10%



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