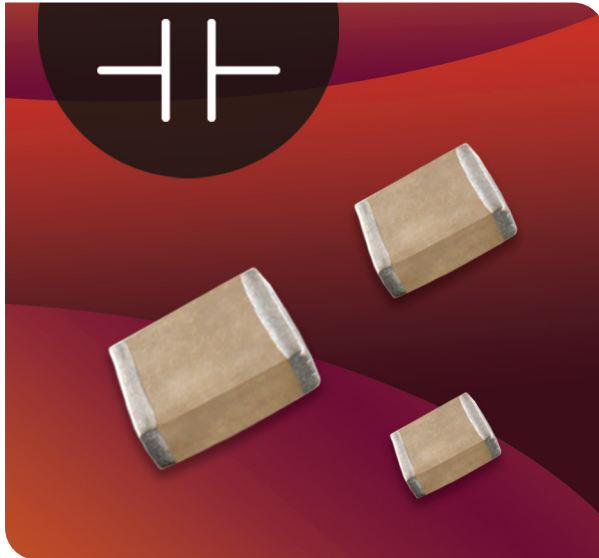




Capacitors - Ceramic Chip Components

AC Power



Features:

- Optimized for Power Handling
- Superior Lead-Free Solder Reflow Performance
- MSL = 1.0 polyterm® Terminations Available
- RoHS Compliant

Common Applications:

- Superior Film Cap Replacement
- Florescent and HID Lighting Ballasts
- Industrial Controls
- Networking

EIA	Inches		(mm)	DC	AC	NP0 Dielectric		X7R Dielectric	
						Minimum	Maximum	Minimum	Maximum
1206	L	.125 ± .010	(3.17 ± .25)	250 VDC	141 Vrms	-	-	1000 pF	.068 pF
	W	.062 ± .010	(1.57 ± .25)	500 VDC	283 Vrms	10 pF	1500 pF	1000 pF	.027µF
	T	.067 Max.	(1.70)	630 VDC	356 Vrms	10 pF	1200 pF	1000 pF	.010 µF
	E/B	.020 ± .010	(0.51 ± .25)	1000 VDC	566 Vrms	10 pF	1000 pF	100 pF	5600 pF
1210	L	.125 ± .010	(3.18 ± .25)	250 VDC	141 Vrms	-	-	1000 pF	0.120 µF
	W	.095 ± .010	(2.41 ± .25)	500 VDC	283 Vrms	10 pF	3900 pF	1000 pF	.047 µF
	T	.080 Max.	(2.03)	630 VDC	356 Vrms	10 pF	2700 pF	1000 pF	.027 µF
	E/B	.020 ± .010	(0.51 ± .25)	1000 VDC	566 Vrms	10 pF	1800 pF	100 pF	.010 µF
1812	L	.180 ± .010	(4.57 ± .25)	250 VDC	141 Vrms	-	-	0.010 uF	0.220 µF
	W	.125 ± .010	(3.17 ± .25)	500 VDC	283 Vrms	100 pF	100 pF	1000 pF	0.150 µF
	T	.110 Max.	(2.80)	630 VDC	356 Vrms	100 pF	100 pF	1000 pF	0.100 µF
	E/B	.025 ± .015	(0.64 ± .38)	1000 VDC	566 Vrms	10 pF	10 pF	1000 pF	0.022 µF

HOW TO ORDER

AC	DD	102	W	102	K	1	GV	001	E
Subfamily	Size	Voltage	DTC	Capacitance	Tolerance	Mark	Term	Special Code	Pack
AC = Power Capacitor	See Chart Above	251 = 250V 501 = 500V 631 = 630V 102 = 1000V	G = NP0/ COG W = X7R	1st two digits are significant; 3rd digit denotes number of zeros. 102 = 1000 pF 104 = 0.10 µF	NP0: J = 5% K = 10% X7R: K = 10% M = 20%	1 = No Mark Z = Special Code	GV = Ni/Sn (RoHS) NT = Ni/Sn ZZ = Special Code	001 = Default catalog Item 002 = 1st special code 999 = Last special code	E = 7" Reel Emb Tape U = 13" Reel Emb Tape T = 7" Reel Paper Tape R = 13" Reel Paper Tape

Example: **ACDD102W102K1GV001U** AC Power Capacitors, 1206, X7R cap, 1,000.0V, 1,000.00pF±10% cap, Ni/Sn (RoHS) cap, 13" Reel Embossed Tape cap