

## 100Vdc, X7R, 10% Capacitors

### Kemet Electronics

Conformally coated radial ceramic capacitors, available in 5's or a bulk pack of 100. Suitable for bypass, decoupling, filtering, sample and hold and timing circuits.

#### technical specification

Max dimensions (L x H x T)	C315 case: 3.81 x 5.33 x 2.54 C320 case: 5.08 x 6.60 x 3.18 C322 case: 5.08 x 6.60 x 3.18 C330 case: 7.62 x 9.14 x 3.81
Lead length x diameter	7.0 x 0.51
Temp. characteristic	±15% from -55°C to +125°C (X7R)

Value	Pitch	Dielectric	Cap. tol.	Kemet part no.	Marking (front, back)
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#### C315 case size:

1000pF	2.5mm	X7R	10%	C315C102K1R5CA	K1K, 102
2200pF	2.5mm	X7R	10%	C315C222K1R5CA	K1K, 222
3300pF	2.5mm	X7R	10%	C315C332K1R5CA	K1K, 332
4700pF	2.5mm	X7R	10%	C315C472K1R5CA	K1K, 472
6800pF	2.5mm	X7R	10%	C315C682K1R5CA	K1K, 682
10000pF	2.5mm	X7R	10%	C315C103K1R5CA	K1K, 103

#### C320 case size:

22000pF	2.5mm	X7R	10%	C320C223K1R5CA	K1K, 223
33000pF	2.5mm	X7R	10%	C320C333K1R5CA	K1K, 333
47000pF	2.5mm	X7R	10%	C320C473K1R5CA	K1K, 473
68000pF	2.5mm	X7R	10%	C320C683K1R5CA	K1K, 683

#### C322 case size:

1000pF	5mm	X7R	10%	C322C102K1R5CA	K1K, 101
2200pF	5mm	X7R	10%	C322C222K1R5CA	K1K, 221
3300pF	5mm	X7R	10%	C322C332K1R5CA	K1K, 331
4700pF	5mm	X7R	10%	C322C472K1R5CA	K1K, 472
10000pF	5mm	X7R	10%	C322C103K1R5CA	K1K, 103
22000pF	5mm	X7R	10%	C322C223K1R5CA	K1K, 223
33000pF	5mm	X7R	10%	C322C333K1R5CA	K1K, 332
47000pF	5mm	X7R	10%	C322C473K1R5CA	K1K, 473
0.1µF	5mm	X7R	10%	C322C104K1R5CA	K1K, 104

#### C330 case size:

0.22µF	5mm	X7R	10%	C330C224K1R5CA	K1R, 224K
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SSM = 5

	stock no.	price each £		
		5-120	125-495	500-1245
100V, C315 case size:				
1000pF	264-4775	0.096	0.084	0.076
2200pF	264-4797	0.096	0.084	0.076
3300pF	298-8952	0.098	0.084	0.074
4700pF	264-4804	0.098	0.084	0.074
6800pF	298-8968	0.098	0.084	0.074
10000pF	264-4810	0.10	0.086	0.078
100V, C320 case size:				
22000pF	298-8980	0.136	0.118	0.104
33000pF	298-8996	0.15	0.13	0.116
47000pF	298-9006	0.158	0.138	0.122
68000pF	298-9012	0.174	0.152	0.132
100V, C322 case size:				
1000pF	298-9028	0.106	0.092	0.082
2200pF	298-9034	0.106	0.092	0.08
3300pF	298-9056	0.106	0.092	0.08
4700pF	264-4826	0.122	0.106	0.092
10000pF	264-4832	0.122	0.108	0.094
22000pF	264-4854	0.136	0.118	0.104
33000pF	298-9062	0.158	0.138	0.122
47000pF	264-4860	0.158	0.138	0.122
0.1µF	264-4876	0.156	0.136	0.12
100V, C330 case size:				
0.22µF	264-4882	0.45	0.394	0.342
See (Sept-03 p.3-48)				