

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	3.18
C322 case: 5.08 x 6.60	3.18
C330 case: 7.62 x 9.14	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. Kemet	tol. part no.	Marking
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C315 case size:

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

C320 case size:

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

C322 case size:

1000pF	5mm	X7R	C322C102K1R5CA	K1K, 101
2200pF	5mm	X7R	C322C222K1R5CA	K1K, 221
3300pF	5mm	X7R	C322C332K1R5CA	K1K, 331
4700pF	5mm	X7R	C322C472K1R5CA	K1K, 472
10000pF	5mm	X7R	C322C103K1R5CA	K1K, 103
22000pF	5mm	X7R	C322C223K1R5CA	K1K, 223
33000pF	5mm	X7R	C322C333K1R5CA	K1K, 332
47000pF	5mm	X7R	C322C473K1R5CA	K1K, 473
0.1µF	5mm	X7R	C322C104K1R5CA	K1K, 104
0.22µF	5mm	X7R	C330C224K1R5CA	K1R, 224K

C330 case size:

0.22µF	5mm	X7R	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:

1000pF 298-8980 0.136 0.118 0.104

2200pF 298-8996 0.15 0.13 0.116

3300pF 298-9006 0.158 0.138 0.122

4700pF 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)