

2222 336 Series Design Kit



- Design selection kit of the 2222 336 range of suppression capacitors
- Suitable for use in research and development laboratories and EMC test houses

Each kit contains the following values in the E6 range:

Class X1	2222 336-1 Series	10nF to 470nF
Class X2	2222 336-2 Series	10nF to 1000nF
Class Y2	2222 336-6 Series	1.5nF to 10nF



FIL188

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
8204 110 64431	751-704			

Class X1 Metallised Polypropylene 2222 338 Series



Lead length = 3.5

Operating temperature: -55°C to +105°C
 Capacitance tolerance: ±20%
 Insulation resistance (C<0.33µF): >15000MΩ
 RC (C>0.33µF): >5000s
 Pulse rise time: 250 V/µs 15mm pitch, 150 V/µs 22.5mm pitch, 100 V/µs 27.5mm pitch



- Class X1 metallised polypropylene suppression capacitors
- Meet requirements of IEC384-14 2nd Edition
- Approved to UL1414 and EN132400
- Suitable for use in UPS power supplies and 3-phase applications

N.B. For ease of selection, capacitance value is listed in both nF and µF

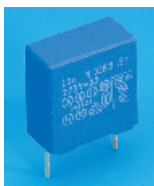
nF	µF	Dimensions			Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
		H	W	D				
10	0.01	11	17.5	5.0	0.6	15	2222 338 10103	356-2943
15	0.015	11	17.5	5.0	0.6	15	2222 338 10153	356-2955
22	0.022	11	17.5	5.0	0.6	15	2222 338 10223	356-2967
33	0.033	12	17.5	6.0	0.6	15	2222 338 10333	356-2979
47	0.047	13.5	17.5	7.0	0.8	15	2222 338 10473	256-2980
68	0.068	15	17.5	8.5	0.8	15	2222 338 10683	356-2992
100	0.1	16.5	17.5	10	0.8	15	2222 338 10104	356-3005
150	0.15	18	26	8.5	0.8	22.5	2222 338 10154	356-3017
220	0.22	19.5	26	10	0.8	22.5	2222 338 10224	356-3029
330	0.33	23	31	13	0.8	27.5	2222 338 10334	356-3030
470	0.47	25	31	15	0.8	27.5	2222 338 10474	356-3042
680	0.68	28	31	18	0.8	27.5	2222 338 10684	356-3054
1000	1.0	31	31	21	0.8	27.5	2222 338 10105	356-3066

CAP304

µF	Order Code	Price Each					
		5+	50+	100+	500+	1000+	3000+
0.01	356-2943						
0.015	356-2955						
0.022	356-2967						
0.033	356-2979						
0.047	356-2980						
0.068	356-2992						
0.1	356-3005						
0.15	356-3017						
0.22	356-3029						
0.33	356-3030						
0.47	356-3042						
0.68	356-3054						
1.0	356-3066						

Class X2 Metallised Polypropylene 2222 338 Series (Formerly 338 Series)

250V ac



- Approved to SEV, VDE, FI, N, D, S, IMQ, OVE, UL and CSA
- Meets the requirements of IEC 60384-14 2nd Edition and EN 132400

Operating temp.: -55°C to 105°C
 Tolerance: ±20%
 Insulation resistance: C < 0.33µF: >15000MΩ
 RC for C: >0.33µF: >5000s
 Pulse rise time: X2: 100V/µs



NB. For ease of selection, capacitance value is listed in both nF and µF

nF	µF	Dimensions			Lead Pitch	Lead Diameter	Mfrs. List No.	Order Code
		H	W	D				
1.0	0.001	9.0	10	4.0	7.5	0.5	2222 338-20102	303-9080
1.5	0.0015	9.0	10	4.0	7.5	0.5	2222 338-20152	303-9092
2.2	0.0022	9.0	10	4.0	7.5	0.5	2222 338-20222	303-9109
3.3	0.0033	9.0	10	4.0	7.5	0.5	2222 338-20332	303-9110
4.7	0.0047	9.0	10	4.0	7.5	0.5	2222 338-20472	303-9122
6.8	0.0068	9.0	10	4.0	7.5	0.5	2222 338-20682	303-9134
10	0.01	9.0	10	4.0	7.5	0.5	2222 338-20103	303-9146
15	0.015	9.0	10	4.0	7.5	0.5	2222 338-20153	303-9158
22	0.022	9.0	10	4.0	7.5	0.5	2222 338-20223	303-9160
33	0.033	10.5	10	5.0	7.5	0.5	2222 338-20333	303-9171
47	0.047	11.5	10	6.0	7.5	0.5	2222 338-20473	303-9183
68	0.068	12	12.5	6.0	10	0.6	2222 338-30683	303-9195
100	0.1	12	12.5	6.0	10	0.6	2222 338-20104	303-9201
150	0.15	13.5	17.5	7.0	15	0.8	2222 338-20154	303-9213
220	0.22	15	17.5	8.5	15	0.8	2222 338-20224	303-9225
330	0.33	16.5	17.5	10	15	0.8	2222 338-20334	303-9237
470	0.47	18	26	8.5	22.5	0.8	2222 338-20474	303-9249
680	0.68	19.5	26	10	22.5	0.8	2222 338-20684	303-9250
1000	1.0	22	26	12	22.5	0.8	2222 338-20105	303-9262
1500	1.5	25	31	15	27.5	0.8	2222 338-20155	303-9274
2200	2.2	28	31	18	27.5	0.8	2222 338-20225	303-9286
3300	3.3	31	31	21	27.5	0.8	2222 338-20335	303-9298

FIL282

µF	Order Code	Price Each			
		5+	100+	1K+	3K+
0.001	303-9080				
0.0015	303-9092				
0.0022	303-9109				
0.0033	303-9110				
0.0047	303-9122				
0.0068	303-9134				
0.01	303-9146				
0.015	303-9158				
0.022	303-9160				
0.033	303-9171				
0.047	303-9183				
0.068	303-9195				
0.1	303-9201				
0.15	303-9213				
0.22	303-9225				
0.33	303-9237				
0.47	303-9249				
0.68	303-9250				
1.0	303-9262				
1.5	303-9274				
2.2	303-9286				
3.3	303-9298				

continued

Ex-stock Products

The world's largest choice of electronic and industrial products available worldwide for same day despatch.

Free Same Day Delivery

For orders received before 12.30pm we provide free same day delivery.