

Ceramic Disc and Plate — Continued

2222 630 Series – Medium K, 100 Volt d.c. Formerly 630 Series



Lead length = 13
Lead dia. = 0.6

- 2.54mm pitch
- General purpose
- For coupling/decoupling applications etc.

Operating temperature	-55°C to +125°C	Tolerance	±10%
Insulation resistance	4000MΩ	Proof voltage	200V
Temperature coefficient	-30+20%	Climatic category	55/125/56

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

pF	nF	Dimensions			Mfrs. List No.	Order Code
		H	W	D		
390	0.39	5	3.6	2.3	2222 630 08391	237-115
470	0.47	5	3.6	2.3	2222 630 08471	237-127
560	0.56	5	3.6	2.3	2222 630 08561	237-139
680	0.68	5	3.6	2.3	2222 630 08681	237-140
820	0.82	5	3.6	2.3	2222 630 08821	237-152
1000	1	5	3.6	2.3	2222 630 08102	237-164
1200	1.2	5.3	3.9	2.3	2222 630 08122	237-176
1500	1.5	5.3	3.9	2.3	2222 630 08152	237-188
1800	1.8	6	4.5	2.3	2222 630 08182	237-190
2200	2.2	6	4.5	2.3	2222 630 08222	237-206
2700	2.7	6.6	5.1	2.3	2222 630 08272	237-218
3300	3.3	6.6	5.1	2.3	2222 630 08332	237-220
4700	4.7	7.7	6.2	2.3	2222 630 08472	237-231

CAP26

pF	Order Code	Price Each		
		10+	100+	1000+
390	.237-115			
470	.237-127			
560	.237-139			
680	.237-140			
820	.237-152			
1000	.237-164			
1200	.237-176			
1500	.237-188			
1800	.237-190			
2200	.237-206			
2700	.237-218			
3300	.237-220			
4700	.237-231			

2222 630 Series – Medium K, 100 Volt d.c. Formerly 630 Series



W = 6.5, D = 2.1
Lead length = 4
Lead dia. = 0.6

- 5.08mm pitch
- General purpose
- For coupling/decoupling applications etc.

Operating temperature	-55°C to +125°C	Tolerance	±10%
Insulation resistance	4000MΩ	Proof voltage	200V
Temperature coefficient	-30+20%	Climatic category	55/125/56

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

pF	nF	Height	Mfrs. List No.		Order Code		pF	nF	Height	Mfrs. List No.		Order Code	
			2222 630	19391	303-616	2222 630				19182	303-689	2222 630	19222
390	0.39	6	2222 630	19391	303-616	1800	1.8	7	2222 630	19182	303-689		
470	0.47	6	2222 630	19471	303-628	2200	2.2	8	2222 630	19222	303-690		
560	0.56	6	2222 630	19561	303-630	2700	2.7	8	2222 630	19272	303-707		
680	0.68	6	2222 630	19681	303-641	3300	3.3	9	2222 630	19332	303-719		
820	0.82	6	2222 630	19821	303-653	3900	3.9	9	2222 630	19392	303-720		
1000	1	7	2222 630	19102	303-665	4700	4.7	9	2222 630	19472	303-732		
1500	1.5	7	2222 630	19152	303-677								

CAP23

pF	Order Code	Price Each		
		10+	100+	1000+
390	303-616			
470	303-628			
560	303-630			
680	303-641			
820	303-653			
1000	303-665			
1500	303-677			
1800	303-689			
2200	303-690			
2700	303-707			
3300	303-719			
3900	303-720			
4700	303-732			

2222 629 Series – High K, 63 Volt d.c. Formerly 629 Series



Lead length = 13
Lead dia. = 0.6

- 2.54mm pitch
- General purpose
- For coupling/decoupling applications etc

Operating temperature	-10°C to +85°C	Tolerance	-20% to +80%
Insulation resistance	4000MΩ	Proof voltage	200V
Temperature coefficient	-20% to +85%	Climatic category	10/085/21

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

pF	nF	H	Dimensions		Mfrs. List No.	Order Code
			W	D		
1000	1	5	3.6	2.3	2222 629 08102	237-243
2200	2.2	5	3.6	2.3	2222 629 08222	237-255
4700	4.7	5	3.6	2.3	2222 629 08472	237-267
10000	10	6	4.5	2.3	2222 629 08103	237-279
22000	22	7.7	6.2	2.3	2222 629 08223	237-280

CAP25

pF	Order Code	Price Each		
		10+	100+	1000+
1000	.237-243			
2200	.237-255			
4700	.237-267			
10000	.237-279			
22000	.237-280			

2222 629 Series – High K, 63 Volt d.c. Formerly 629 Series



W = 6.5, D = 2.1
Lead length = 4
Lead dia. = 0.6

- 5.08mm pitch
- General purpose
- For coupling/decoupling applications etc.

Operating temperature	-10°C to +85°C	Tolerance	-20% to +80%
Insulation resistance	4000MΩ	Power factor	0.035
Temperature coefficient	-20% to +85%	Climatic category	10/085/21

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

pF	nF	Height	Mfrs. List No.		Order Code		pF	nF	Height	Mfrs. List No.		Order Code	
			2222 629	19102	303-744	2222 629				19103	303-770	2222 629	19223
1000	1	6	2222 629	19102	303-744	10000	10	7	2222 629	19103	303-770		
2200	2.2	6	2222 629	19222	303-756	22000	22	9	2222 629	19223	303-781		
4700	4.7	6	2222 629	19472	303-768	47000	47	9	2222 629	19473	303-793		

CAP22

pF	Order Code	Price Each		
		10+	100+	1000+
1000	303-744			
2200	303-756			
4700	303-768			
10000	303-770			
22000	303-781			
47000	303-793			

DIL Ceramic Decoupling Capacitors

Ultra-low profile ceramic capacitors to provide effective decoupling of dual-in-line ICs, designed to fit under the IC by fitting directly into the PCB or an IC socket. They may also be retrospectively fitted on top of the IC with its pins soldered to the IC pins to improve system performance of existing designs.

CAP119

MD Series – Dipped



- Dipped dual in-line package
- Compatible with standard IC packages

Style	Dimensions		
	L	W	D
MD01	6.6	3.43	2.49
MD02	6.6	4.19	2.49

Pitch = 7.06 nominal

pF	Volt d.c.	Dielectric	Tolerance (%)	Mfrs. List No.	Order Code
1000	100	X7R	10	MD011C102KA001	669-453
10000	100	X7R	10	MD011C103KA001	669-465
22000	100	X7R	10	MD011C223KA001	669-477
47000	50	X7R	10	MD015C473KA001	669-489
100000	50	X7R	10	MD015C104KA001	669-490
220000	50	X7R	10	MD025C224KA001	669-507
10000	100	X7R	20	MD011C103MM001	669-519
47000	50	X7R	20	MD015C473MM001	669-520
100000	50	X7R	20	MD015C104MA001	669-532
47000	50	Z5U	20	MD015E473MA001	669-544
100000	50	Z5U	20	MD015E104MA001	669-556
220000	50	Z5U	20	MD015E224MA001	669-568

CAP222

pF	Order Code	Price Each			
		1+	10+	50+	100+
1000	669-453				
10000	669-465				
22000	669-477				
47000	669-489				
100000	669-490				
220000	669-507				
10000	669-519				
47000	669-520				
100000	669-532				
47000	669-544				
100000	669-556				
220000	669-568				