

Ceramic Disc and Plate - continued

2222 680 Series – Low K, 100 Volt d.c. - continued

Order Multiple=10		Price Each			
pF	Order Code	10+	100+	1K+	10K+
150	113-8857	17.00	9.00	7.00	6.00
180	113-8858	16.00	8.00	6.00	5.00
220	113-8859	16.00	8.00	6.00	5.00
270	113-8860	19.00	10.00	8.00	6.00
330	113-8861	21.00	11.00	8.00	6.00

2222 683 Series – Low K, 100 Volt d.c.



W=6, D=2.5
Lead length=4
Lead dia.=0.6

- 5.08mm pitch
- Low loss, close tolerance
- High stability for temperature compensation in tuned circuits

Operating temperature -55°C to +85°C
 Temperature coefficient Oppm/°C for C ≤ 18pF
 -150ppm/°C for C 22pF to 150pF
 -750ppm/°C for 180pF to 330pF
 -1500ppm/°C for C 470pF
 Insulation resistance >10,000MΩ
 Tolerance ±2% or ±0.25pF whichever is larger
 Proof voltage 300V
 Climatic category 55/85/21

pF	Height	Mfrs. List No.	Order Code	pF	Height	Mfrs. List No.	Order Code
1.8	5	2222 683 09188	113-8884	39	6	2222 683 34399	113-8902
2.2	5	2222 683 09228	113-8886	47	6	2222 683 34479	113-8903
3.3	5	2222 683 09338	113-8887	56	7	2222 683 34569	113-8904
4.7	5	2222 683 09478	113-8888	68	7	2222 683 34689	113-8905
5.6	5	2222 683 09568	113-8889	82	8	2222 683 34829	113-8906
6.8	5	2222 683 09688	113-8890	100	8	2222 683 34101	113-8907
8.2	5	2222 683 09828	113-8891	120	11	2222 683 34121	113-8908
10	5	2222 683 10109	113-8892	150	11	2222 683 34151	113-8909
12	5	2222 683 10129	113-8895	180	8	2222 683 58181	113-8910
15	5	2222 683 10159	113-8896	220	8	2222 683 58221	113-8912
18	5	2222 683 10189	113-8897	270	11	2222 683 58271	113-8913
22	5	2222 683 34229	113-8898	330	11	2222 683 58331	113-8914
27	6	2222 683 34279	113-8899	470	11	2222 683 70471	113-8915
33	6	2222 683 34339	113-8901				

Order Multiple=10		Price Each			
pF	Order Code	10+	100+	1K+	10K+
390	113-8862	9.00	5.00	4.00	3.00
470	113-8863	9.00	5.00	4.00	3.00
560	113-8864	9.00	5.00	4.00	3.00
680	113-8865	8.00	4.00	4.00	3.00
820	113-8866	10.00	5.00	4.00	3.00
1000	113-8867	9.00	5.00	4.00	3.00
1200	113-8869	10.00	6.00	4.00	3.00
1500	113-8871	11.00	6.00	5.00	3.00
1800	113-8872	12.00	6.00	5.00	4.00
2200	113-8873	11.00	6.00	5.00	4.00
2700	113-8874	13.00	7.00	6.00	4.00
3300	113-8875	14.00	7.00	6.00	4.00
4700	113-8876	14.00	7.00	6.00	4.00

Trimmers

TZ03 Series— Miniature Ceramic



- Washable single turn ceramic trimmer capacitor
- 5mm pitch

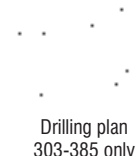
Drilling plan H (above board)=4.8, Body dia.=6.0

Operating temperature -55°C to +85°C Insulation resistance 10000MΩ

Capacitance (pF)	Temperature Coefficient	Q Min. @ 1MHz	Voltage Rating	Mfrs. List No.	Order Code
1.5	5 NPO ±200	300	100	TZ03Z050E169B00	952-8598
3	N450 ±300	300	100	TZ03T110E169B00	952-8580
4.2	20 N750 ±300	300	100	TZ03R200E169B00	952-8563
5.2	30 N750 ±300	300	100	TZ03R300E169B00	952-8571
6	50 NPO ±300	300	50	TZ03Z500E169B00	952-8601

Capacitance (pF)	Colour	Order Code	5+	50+	100+	500+	+
1.5	5 Blue	952-8598	22.00	20.00	17.00	14.00	--
3	11 White	952-8580	22.00	20.00	17.00	14.00	--
4.2	20 Red	952-8563	22.00	20.00	17.00	14.00	--
5.2	30 Green	952-8571	22.00	20.00	17.00	14.00	--
6	50 Orange	952-8601	41.00	37.00	32.00	30.00	--

2222 808 Series — Polyethylene Film



H(above board)=10, (303-835)11
 Body dia=8.8, (303-835)11.1

Voltage rating 250V d.c. Climatic category (IEC68) 40/070/21, 40/085/21
 Q min @ 1MHz 1000 Operating temperature -40°C to +70°C
 Mfrs. List No: 228180811558 = 121-5707 228180811109 = 121-5708
 228180811229 = 121-5709 228180832659 = 121-5712
 228180831809 = 121-5718 228180831101 = 121-5719

Capacitance	(pF)	Colour	Order Code	5+	100+	1K+	3K+
1.4	5.5	Grey	121-5707	34.00	24.00	19.00	16.00
2	10	Yellow	121-5708	31.00	22.00	18.00	16.00
2	22	Green	121-5709	39.00	26.00	22.00	20.00
5.5	65	Yellow	121-5712	52.00	37.00	32.00	28.00
6	80	Red	121-5718	87.00	64.00	55.00	52.00
7	105	Violet	121-5719	50.00	36.00	31.00	27.00
120	6	Violet	121-5721	56.00	42.00	35.00	30.00

Polyester

High performance with a fairly high capacitance per unit volume make these suitable for general purpose applications such as coupling and decoupling.

MKS02 Series



- MKS02 metallised polyester
- Sub miniature 2.5mm lead spacing
- Flame retardant case to UL94V-0

Lead length=5, Lead dia.=0.4, Lead Pitch=2.5

Operating temp. -55°C to +100°C Climatic category 55/100/21
 Insulation resistance C <0.033µF @ 50V 3750mΩ @ 63V 10000mΩ Tolerance ±20%
 C ≥0.033µF 5000 sec (MΩ µF) Power factor @ 1kHz, 20°C 0.008
 Temp. coefficient +330ppm/°C (+20% to +70°C)

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



Lead length = 13
 Lead dia = 0.6

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

Operating temperature -55°C to +85°C Tolerance ±10%
 Insulation resistance 4000MΩ Proof voltage 200V
 Temperature coefficient -30%to +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	113-8862
470	0.47	5	3.6	2.3	2222 630 08471	113-8863
560	0.56	5	3.6	2.3	2222 630 08561	113-8864
680	0.68	5	3.6	2.3	2222 630 08681	113-8865
820	0.82	5	3.6	2.3	2222 630 08821	113-8866
1000	1	5	3.6	2.3	2222 630 08102	113-8867
1200	1.2	5.3	3.9	2.3	2222 630 08122	113-8869
1500	1.5	5.3	3.9	2.3	2222 630 08152	113-8871
1800	1.8	6	4.5	2.3	2222 630 08182	113-8872
2200	2.2	6	4.5	2.3	2222 630 08222	113-8873
2700	2.7	6.6	5.1	2.3	2222 630 08272	113-8874
3300	3.3	6.6	5.1	2.3	2222 630 08332	113-8875
4700	4.7	7.7	6.2	2.3	2222 630 08472	113-8876

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