

		Dimensions				Order Code	
µF	nF	L	Dia.	Mfrs. List No.			
0.001	1	4.32	2.54	SA101C102KARTB		110-0412	
0.0047	4.7	4.32	2.54	SA101C472KARTB		110-0413	

100 Volt d.c. X7R		Price Each				
µF	Order Code	10+	50+	100+	500+	+
0.001	110-0412	9.00	8.00	7.00	6.00	--
0.0047	110-0413	9.00	8.00	7.00	6.00	--

		Dimensions				Order Code	
µF	nF	L	Dia.	Mfrs. List No.			
0.01	10	4.32	2.54	SA105E103MARTB		110-0436	
0.022	22	4.32	2.54	SA105E223MARTB		110-0416	
0.1	100	4.32	2.54	SA105E104MARTB		110-0417	
0.22	220	6.6	2.54	SA205E224MARTB		110-0418	
0.47	470	7.37	3.81	SA305E474MARTB		110-0419	
1	1000	7.37	3.81	SA305E105MARTB		110-0420	

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50 Volt d.c. Z5U		Price Each				
µF	Order Code	10+	50+	100+	500+	+
0.01	110-0436	8.00	7.00	6.00	5.00	--
0.022	110-0416	9.00	8.00	7.00	6.00	--
0.1	110-0417	6.00	6.00	5.00	4.00	--
0.22	110-0418	14.00	12.00	11.00	9.00	--
0.47	110-0419	33.00	29.00	25.00	22.00	--
1	110-0420	43.00	37.00	32.00	28.00	--

### Ceramic Disc and Plate

High capacitance per unit volume make these suitable for high density PCB applications. The choice in type of ceramic dielectric is selected depending on characteristics and performance required.

#### Low K

Suitable for applications where a linear temperature coefficient, high stability, close tolerance and low losses are important such as temperature compensation in tuned circuits and filters, or coupling/decoupling in high frequency circuits.

#### Medium K

Suitable for applications where a small non-linear change of capacitance with temperature is permissible and very low losses are not essential such as coupling and decoupling.

#### High K

Offering the highest volumetric efficiency and suitable for applications where low losses and high stability are not required, such as coupling and decoupling.

208412

#### Low K, 50 Volt d.c.



Lead length=25  
Lead dia.=0.6



Operating temperature		-25°C to +85°C		Temperature coefficient		0 ± 60ppm/°C	
Insulation resistance		10000 MΩ					
pF	Tol (±)	Dielectric	Body Dia.	Lead Pitch	Mfrs. List No.	Order Code	
2	0.25pF	NPO	5.5	2.5	MCCHU5020C5	896-330	
3	0.25pF	NPO	5.5	2.5	MCCHU5030C5	896-342	
5	0.25pF	NPO	5.5	2.5	MCCHU5050C5	896-354	
5	0.25pF	NPO	5.5	2.5	MCCHU5050C5	941-1640	
6	0.25pF	NPO	5.5	2.5	MCCHU5060C5	896-366	
7	0.25pF	NPO	5.5	2.5	MCCHU5070C5	896-378	
8	0.25pF	NPO	5.5	2.5	MCCHU5080C5	896-380	
10	5%	NPO	5.5	2.5	MCCHU5100J5	896-391	
10	5%	NPO	5.5	2.5	MCCHU5100J5	941-1658	
15	5%	NPO	5.5	2.5	MCCHU5150J5	896-408	
15	5%	NPO	5.5	2.5	MCCHU5150J5	941-1666	
22	5%	NPO	5.5	2.5	MCCHU5220J5	896-410	
22	5%	NPO	5.5	2.5	MCCHU5220J5	941-1674	
33	5%	NPO	5.5	2.5	MCCHU5330J5	896-421	
33	5%	NPO	5.5	2.5	MCCHU5330J5	941-1682	
47	5%	NPO	5.5	2.5	MCCHU5470J5	896-433	
47	5%	NPO	5.5	2.5	MCCHU5470J5	941-1690	
68	5%	NPO	6.5	2.5	MCCHU6680J5	941-1704	
100	5%	NPO	7.5	2.5	MCCHU7101J5	896-457	
100	5%	NPO	7.5	2.5	MCCHU7101J5	941-1712	
150	5%	NPO	7.5	2.5	MCCHU7151J5	896-469	
150	5%	NPO	7.5	2.5	MCCHU8151J5	941-1720	
220	5%	NPO	10.5	2.5	MCCHU0221J5	896-470	
220	5%	NPO	10.5	2.5	MCCHU0221J5	941-1739	

		Price Each				
pF	Order Code	10+	100+	500+	1K+	+
2	896-330	2.00	2.00	1.00	1.00	--
3	896-342	2.00	2.00	1.00	1.00	--
5	896-354	2.00	2.00	1.00	1.00	--
5	941-1640	2.00	2.00	1.00	1.00	--
6	896-366	2.00	2.00	1.00	1.00	--
7	896-378	2.00	2.00	1.00	1.00	--
8	896-380	2.00	2.00	1.00	1.00	--
10	896-391	2.00	2.00	1.00	1.00	--
10	941-1658	2.00	2.00	1.00	1.00	--
15	896-408	2.00	2.00	1.00	1.00	--
15	941-1666	2.00	2.00	1.00	1.00	--
22	896-410	2.00	2.00	1.00	1.00	--
22	941-1674	2.00	2.00	1.00	1.00	--

		Price Each				
pF	Order Code	10+	100+	500+	1K+	+
33	896-421	1.00	--	--	--	--
33	941-1682	1.00	--	--	--	--
47	896-433	1.00	--	--	--	--
47	941-1690	1.00	--	--	--	--
68	941-1704	3.00	2.00	2.00	1.00	--
100	896-457	4.00	3.00	2.00	1.00	--
100	941-1712	4.00	3.00	2.00	1.00	--
150	896-469	5.00	3.00	3.00	1.00	--
150	941-1720	5.00	3.00	3.00	1.00	--
220	896-470	6.00	5.00	4.00	2.00	--
220	941-1739	6.00	5.00	4.00	2.00	--

#### Medium K, 50V d.c.

Operating temperature		-25°C to +85°C		Tolerance		±10%	
pF	Dielectric	Body Dia	Lead Pitch	Mfrs. List No.	Order Code		
100	Y5P	5.5	2.5	MCBU5101K5	896-482		
100	Y5P	5.5	2.5	MCBU5101K5	941-1747		
120	Y5P	5.5	2.5	MCBU5121K5	896-494		
150	Y5P	5.5	2.5	MCBU5151K5	896-500		
180	Y5P	5.5	2.5	MCBU5181K5	896-512		
220	Y5P	5.5	2.5	MCBU5221K5	896-524		
220	Y5P	5.5	2.5	MCBU5221K5	941-1755		
270	Y5P	5.5	2.5	MCBU5271K5	896-536		
330	Y5P	5.5	2.5	MCBU5331K5	896-548		
330	Y5P	5.5	2.5	MCBU5331K5	941-1763		
390	Y5P	5.5	2.5	MCBU5391K5	896-550		
470	Y5P	5.5	2.5	MCBU5471K5	896-561		
470	Y5P	5.5	2.5	MCBU5471K5	941-1771		
560	Y5P	5.5	2.5	MCBU5561K5	896-573		
680	Y5P	5.5	2.5	MCBU5681K5	896-585		
820	Y5P	5.5	2.5	MCBU5821K5	896-597		
1000	Y5P	5.5	2.5	MCBU5102K5	896-603		
1000	Y5P	5.5	2.5	MCBU5102K5	941-1780		
1200	Y5P	5.5	2.5	MCBU5122K5	896-615		
1500	Y5P	5.5	2.5	MCBU5152K5	896-627		
1800	Y5P	5.5	2.5	MCBU5182K5	896-639		
2200	Y5P	6.5	5	MCBU6222K6	896-640		
2200	Y5P	6.5	5	MCBU6222K6	941-1798		
2700	Y5P	6.5	5	MCBU6272K6	896-652		
3300	Y5P	7.5	5	MCBU7332K6	896-664		
3300	Y5P	7.5	5	MCBU7332K6	941-1801		
3900	Y5P	8.5	5	MCBU8392K6	896-676		
4700	Y5P	8.5	5	MCBU8472K6	896-688		
4700	Y5P	8.5	5	MCBU8472K6	941-1810		

		Price Each				
pF	Order Code	10+	100+	500+	1K+	+
100	896-482	2.00	1.00	1.00	1.00	--
100	941-1747	2.00	1.00	1.00	1.00	--
120	896-494	2.00	1.00	1.00	1.00	--
150	896-500	2.00	1.00	1.00	1.00	--
180	896-512	2.00	1.00	1.00	1.00	--
220	896-524	2.00	1.00	1.00	1.00	--
220	941-1755	2.00	1.00	1.00	1.00	--
270	896-536	2.00	1.00	1.00	1.00	--
330	896-548	2.00	1.00	1.00	1.00	--
330	941-1763	2.00	1.00	1.00	1.00	--
390	896-550	2.00	1.00	1.00	1.00	--
470	896-561	2.00	1.00	1.00	1.00	--
470	941-1771	2.00	1.00	1.00	1.00	--
560	896-573	2.00	1.00	1.00	1.00	--
680	896-585	2.00	1.00	1.00	1.00	--
820	896-597	2.00	1.00	1.00	1.00	--
1000	896-603	2.00	1.00	1.00	1.00	--
1000	941-1780	2.00	1.00	1.00	1.00	--
1200	896-615	2.00	1.00	1.00	1.00	--
1500	896-627	2.00	1.00	1.00	1.00	--
1800	896-639	2.00	1.00	1.00	1.00	--
2200	896-640	2.00	2.00	1.00	1.00	--
2200	941-1798	2.00	2.00	1.00	1.00	--
2700	896-652	2.00	2.00	1.00	1.00	--
3300	896-664	4.00	3.00	2.00	1.00	--
3300	941-1801	4.00	3.00	2.00	1.00	--
3900	896-676	4.00	3.00	2.00	1.00	--
4700	896-688	4.00	3.00	2.00	1.00	--
4700	941-1810	4.00	3.00	2.00	1.00	--

#### High K, 50V d.c.

Operating temperature		-25°C to +85°C		Tolerance		+80%20%	
Insulation resistance		10000MΩ					
pF	Dielectric	Body Dia	Lead Pitch	Mfrs. List No.	Order Code		
1000	Z5V	5.5	2.5	MCFU5102Z5	896-690		
1000	Z5V	5.5	2.5	MCFU5102Z5	941-1828		
2200	Z5V	5.5	2.5	MCFU5222Z5	896-706		
2200	Z5V	5.5	2.5	MCFU5222Z5	941-1836		
4700	Z5V	5.5	2.5	MCFU5472Z5	896-718		
4700	Z5V	5.5	2.5	MCFU5472Z5	941-1844		
10000	Y5V	5.5	2.5	MCFYU5103Z5	896-720		
10000	Y5V	5.5	2.5	MCFYU5103Z5	941-1852		
22000	Y5V	5.5	5	MCFYU5223Z6	896-731		
22000	Y5V	5.5	5	MCFYU5223Z6	941-1860		
47000	Y5V	6.5	5	MCFYU6473Z6	896-743		
47000	Y5V	6.5	5	MCFYU6473Z6	941-1879		
100000	Y5V	6.5	5	MCFYU6104Z6	896-755		
100000	Y5V	6.5	5	MCFYU6104Z6	941-1887		

Capacitors

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Compliant Non-compliant + Limited stock - RoHS replacement available