

Order Multiple=10		Price Each				
pF	Order Code	10+	100+	500+	1000+	10000+
1000	<b>896-690</b>					
2200	<b>896-706</b>					
4700	<b>896-718</b>					
10000	<b>896-720</b>					
22000	<b>896-731</b>					
47000	<b>896-743</b>					
100000	<b>896-755</b>					

## NPO Dielectric, Class 1 (low K)



Lead dia. = 0.6mm  
Supplied on 18mm tape

- Class 1 ceramic disc capacitors
- NPO dielectric, linear temperature coefficient characteristics
- Low loss, high insulation resistance
- 5mm lead pitch
- Conform to **IEC 348-8**
- Suitable for tuned, timing and other precision circuits



pF	Tolerance (%)	Body Dia.	Body Thickness	Box Qty.	Mfrs. List No.	Order Code
<b>100 Volt d.c.</b>						
22	5	5	4	2000	5AK220JABAI	356-0661
100	10	9	5	2000	5AK101KAFAI	356-0673
<b>500 Volt d.c.</b>						
10	10	4	3	2000	5AQ100KAAAK	356-0685
<b>1000 Volt d.c.</b>						
47	10	8	4	2000	5AR470KAECH	356-0697
100	5	11	5	2000	5AR101JAHLA	356-0703
<b>2000 Volt d.c.</b>						
10	5	5	4	1500	5AS100JABCG	356-0715

CAP317

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	5000+
<b>100 Volt d.c.</b>							
22	<b>356-0661</b>						
100	<b>356-0673</b>						
<b>500 Volt d.c.</b>							
10	<b>356-0685</b>						
<b>1000 Volt d.c.</b>							
47	<b>356-0697</b>						
100	<b>356-0703</b>						
<b>2000 Volt d.c.</b>							
10	<b>356-0715</b>						

## Y5 Dielectric, Class 2 (medium K)



Lead dia. = 0.6  
Supplied on 18mm tape

- Class 2 ceramic disc capacitors
- General purpose Y5 dielectric
- High dielectric constant
- Conform to **IEC 384-9**
- Suitable for decoupling and bypass applications



pF	Tolerance (%)	Body Dia.	Body Thickness	Lead Pitch	Box Qty.	Mfrs. List No.	Order Code
<b>100 Volt d.c.</b>							
1000	10	5	4	5	2000	50K102KOBAM	356-0727
2200	10	8	4	5	2000	50K222KOEAM	356-0739
<b>500 Volt d.c.</b>							
100	10	4	3	5	2500	5MQ101KAAAH	356-0740
150	10	4	3	5	2500	5MQ151KAAAH	356-0752
220	10	4	3	2.5	2500	5MQ221KDAAH	356-0764
330	10	4	3	5	2500	5MQ331KAAAA	356-0776
470	10	5	4	5	2500	5MQ471KABAA	356-0788
<b>4000 Volt d.c.</b>							
4700	20	15	6	10	2000	5SU472MCKCA	356-0790
6800	20	19	7	12.5	2000	5SU682MPMCA	356-0806
<b>5000 Volt d.c.</b>							
4700	20	19	7	10	2000	5SW472MCMCA	356-0818

CAP318

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	5000+
<b>100 Volt d.c.</b>							
1000	<b>356-0727</b>						
2200	<b>356-0739</b>						
<b>500 Volt d.c.</b>							
100	<b>356-0740</b>						
150	<b>356-0752</b>						
220	<b>356-0764</b>						
330	<b>356-0776</b>						
470	<b>356-0788</b>						
<b>4000 Volt d.c.</b>							
4700	<b>356-0790</b>						
6800	<b>356-0806</b>						
<b>5000 Volt d.c.</b>							
4700	<b>356-0818</b>						

## High Voltage



- High voltage disc ceramic capacitors
- Resin coated with tinned copper leads

Min lead length = 25, Lead dia = 0.65 (219-472 = 0.5)

Operating temperature -25°C to +85°C Proof voltage 2VR  
Insulation resistance @ 1kV 10000MΩ

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

1000 Volt d.c.		Price Each					Order Code
pF	nF	Tolerance	Temperature Coefficient	Body Dia.	Lead Pitch	Mfrs. List No.	Order Code
47	0.047	±5%	+350 -1000ppm/°C	4.5	5	DE0405SL470J1K	498-312
100	0.1	±10%	±10%	4.5	5	DE0405B101K1K	498-324
220	0.22	±10%	±10%	4.5	5	DE0405B221K1K	498-336
470	0.47	±10%	±10%	5	5	DE0505B471K1K	498-348
1000	1	+80% -20%	+22% -50%	5	5	DE0505E102Z1K	219-472
2200	2.2	+80% -20%	+30% -80%	6	5	DE0605F22Z21K	262-663
4700	4.7	+80% -20%	+30% -80%	7	5	DE0705F47Z21K	219-484
10000	10	+80% -20%	+30% -80%	10	5	DE1005F10Z21K	219-496

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	10000+
47	<b>498-312</b>						
100	<b>498-324</b>						
220	<b>498-336</b>						
470	<b>498-348</b>						
1000	<b>219-472</b>						
2200	<b>262-663</b>						
4700	<b>219-484</b>						
10000	<b>219-496</b>						

2000 Volt d.c.		Price Each					Order Code
pF	nF	Tolerance	Temperature Coefficient	Body Dia.	Lead Pitch	Mfrs. List No.	Order Code
100	0.1	±10%	±10%	4.5	5	DE0405B101K2K	498-350
220	0.22	±10%	±10%	4.5	5	DE0405B221K2K	498-361
470	0.47	±10%	±10%	6	5	DE0605B471K2K	498-373
1000	1	±10%	±10%	8	5	DE0805B102K2K	498-385
2200	2.2	+80% -20%	+30% -80%	9	5	DE0905F22Z2K	498-397
4700	4.7	+80% -20%	+30% -80%	9	5	DE0905F47Z2K	498-403
10000	10	+80% -20%	+30% -80%	12	7.5	DE1207F10Z2K	921-660

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	10000+
100	<b>498-350</b>						
220	<b>498-361</b>						
470	<b>498-373</b>						
1000	<b>498-385</b>						
2200	<b>498-397</b>						
4700	<b>498-403</b>						
10000	<b>921-660</b>						

3150 Volt d.c.		Price Each					Order Code
pF	nF	Tolerance	Temperature Coefficient	Body Dia.	Lead Pitch	Mfrs. List No.	Order Code
100	0.1	±5%	+350 -1000ppm/°C	5	7.5	DE0907SL101J3K	498-427
220	0.22	±5%	+350 -1000ppm/°C	5	7.5	DE1207SL221J3K	498-439
470	0.47	±10%	±10%	7	7.5	DE0707B471K3K	498-440
1000	1	+80% -20%	+22% -50%	7	7.5	DE0707E102Z3K	262-675
2200	2.2	+80% -20%	+22% -50%	10	7.5	DE1007E22Z3K	262-687
4700	4.7	+80% -20%	+22% -50%	13	7.5	DE1307E47Z23K	262-699

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	10000+
100	<b>498-427</b>						
220	<b>498-439</b>						
470	<b>498-440</b>						
1000	<b>262-675</b>						
2200	<b>262-687</b>						
4700	<b>262-699</b>						

6300 Volt d.c.		Price Each					Order Code
pF	nF	Tolerance	Temperature Coefficient	Body Dia.	Lead Pitch	Mfrs. List No.	Order Code
22	0.022	±5%	+350 -1000ppm/°C	9	10	DE0910SL220J6K	498-452
47	0.047	±5%	+350 -1000ppm/°C	9	10	DE0910SL470J6K	498-464
100	0.1	±10%	±10%	9	10	DE0910B101K6K	498-476
220	0.22	±10%	±10%	9	10	DE0910B221K6K	498-488
470	0.47	±10%	±10%	10	10	DE1010B471K6K	498-490
1000	1	+80% -20%	+22% -50%	11	10	DE1110E102Z6K	262-705
2200	2.2	+80% -20%	+22% -50%	15	10	DE1510E22Z6K	498-506

CAP18

Order Multiple=10		Price Each					
pF	Order Code	10+	50+	100+	500+	1000+	10000+
22	<b>498-452</b>						
47	<b>498-464</b>						
100	<b>498-476</b>						
220	<b>498-488</b>						
470	<b>498-490</b>						
1000	<b>262-705</b>						
2200	<b>498-506</b>						

continued