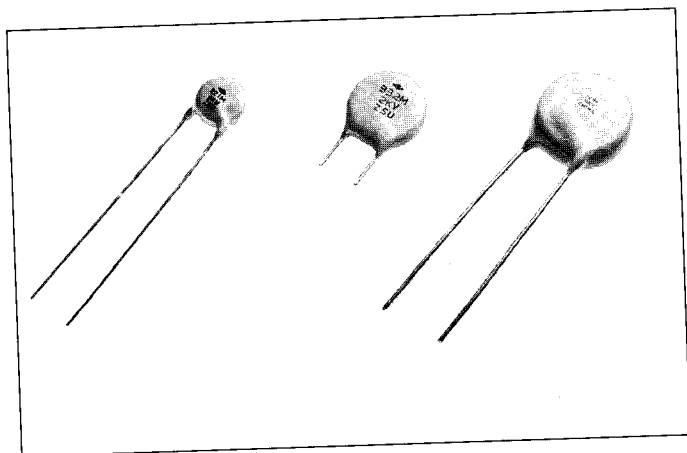


## Series D and S



## General Purpose Ceramic Disc Capacitors

### Features

- Single Layer Construction
- General Purpose and Temperature Compensating Capacitors Available
- High Voltages Available

### Part Number

- See Table 1

### Marking

- See Figure 7

### Packaging

- Available Bulk, Tape & Reel & Ammo Pack

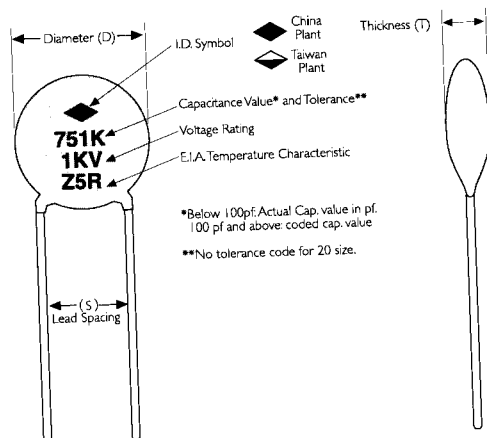
### Lead Material Available

- 100% Copper, solder coated

### Encapsulation

- 50VDC through 2KVDC, Phenolic Resin Coated
- 3KVDC and Higher, Epoxy Coated

### Figure 7 Marking



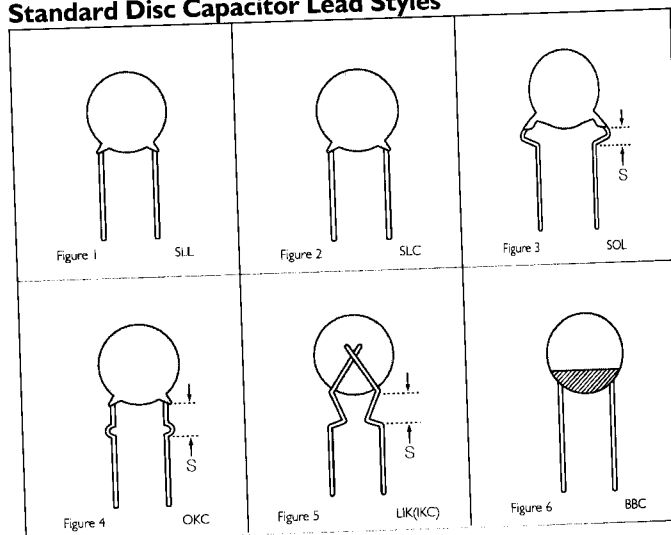
### Note(s):

- Standard Lead Space (L/S) for size codes:  
20-47\* 0.250"; available on T&R or ammo  
59 and larger 0.375"; bulk only
- T&R or ammo provided 2,000 pc/Reel, 10,000 pc minimum,

### Electrical Parameters

Capacitance Range:	0.47 pF through 0.1 $\mu$ F
Working Voltage DC:	50, 100, 500 & 1000, 2000, 3000 & 6000VDC
Materials Available:	C0H, C0K, C0G, S2L, S3N, X5F, Y5P, Z5F, Z5U

### Standard Disc Capacitor Lead Styles



### Figure Form Definition

- |   |          |  |
|---|----------|--|
| 1 | SLL      | Straight Lead, 0.125" max. rounded, no exposed ceramic                               |
| 2 | SLC      | Straight Lead, controlled rounded, 0.031" max. rounded. 0.010" max. exposed ceramic. |
| 3 | SOL      | Stand Off Lead, S = 3.0mm max.   |
| 4 | OKC      | Outside Kink   |
| 5 | LIK(IKC) | Inside Kink  |
| 6 | BBC      | Bare Body Construction, bulk only, 0.093" max. exposed disc body.                    |
- } S = 4.75mm max.

**Table 1 Part Number**

**Series D and S**

<b>D</b>	<b>102</b>	<b>K</b>	<b>29</b>	<b>Z5F</b>	<b>N</b>	<b>AA</b>	<b>EM</b>
<b>D Disc</b> product line	<b>Capacitance Value (PF)</b> First 2 digits are significant, third digit is a multiplier as follows 0 x 1 1 x 10 2 x 100 3 x 1000 4 x 10000 5 x 100000	<b>Tolerance Code</b> C ±0.25 pF D ±0.5 pF F ±1 pF J ±5% K ±10% M ±20% P +100/-0% Z +80/-20%			<b>Voltage Code</b> F 50VDC H 100VDC L 500VDC N 1KVDC P 2KVDC R 3KVDC U 6KVDC		<b>Test Code</b> Class I Dielectric Strength Code Tested @ AA 1500VDC AB 2 x Rated VDC AC 3 x Rated VDC AL 2 x Rated VDC AN 1300 VDC  Class II & III Dielectric Strength Code Tested @ EC 1500 VDC ED 1500 VDC EM 2 x Rated VDC EP 1300 VDC EU 3 x Rated VDC
	<b>Size Code</b>			<b>Temperature Characteristics</b>			
Case Size	Maximum diameter	Maximum thickness		Class I			
	Inches (mm)	Inches (mm)		First 2 Digits	Last Digit Denotes		
20	0.197 (5.00)	0.157 (3.99)		C0 C0G	TC Tolerance (≥10 pF)		
25	0.256 (6.50)	0.157 (3.99)		U1 N080	G±30PPM		
29	0.290 (7.37)	0.157 (3.99)		P2 N150	H±60PPM		
31	0.310 (7.87)	0.157 (3.99)		R2 N220	J±120PPM		
33	0.330 (8.83)	0.236 (5.99)		S2 N330	K±250PPM		
35	0.350 (8.89)	0.236 (5.99)		T2 N470	L±500PPM		
39	0.394 (10.01)	0.157 (3.99)		U2 N750	M±1000PPM		
43	0.430 (10.92)	0.236 (5.99)		P3 N1500	N±2500PPM		
47	0.472 (11.99)	0.157 (3.99)		R3 N2200			
52	0.520 (13.21)	0.236 (5.99)		S3 N3300			
59	0.590 (14.99)	0.157 (3.99)		Class II & III			
63	0.630 (16.00)	0.236 (5.99)		First Digit is	Second Digit is	Third Digit is Percent	
66	0.660 (16.76)	0.313 (7.95)		Lower Temp	Upper Temp	Change Allowed*	
73	0.730 (18.54)	0.236 (5.99)		X -55°C	5 +85°C	F ±7.5%	
75	0.750 (19.05)	0.177 (4.50)		Y -30°C	6 +105°C	P ±10%	
76	0.760 (19.30)	0.313 (7.95)		Z +10°C	7 +125°C	R ±15%	
79	0.790 (20.07)	0.236 (5.99)			8 +150°C	S ±22%	
84	0.840 (21.34)	0.177 (4.50)				T +22/-33%	
93	0.930 (23.62)	0.177 (4.50)				U +22/-56%	
96	0.960 (24.38)	0.313 (7.95)				V +22/-82%	

**Ceramic Disc Capacitor Distributor Part Number**

**General Purpose**

<b>DD</b>	<b>102</b>
<b>Series</b>	<b>Coded Capacitance</b>
CK	50V
DC	100V
CE	500V
CF	500V
DD	1000V
GAP	Special
<b>Note</b>	
Z5V TC	
Z5V TC	
X5F TC	
Z5P TC	
Various TC	
See Catalog for Detail	

**Temperature Compensating**

<b>DTZ</b>	<b>100</b>
<b>Series</b>	<b>Coded Capacitance</b>
DTZ	500V
<b>Note</b>	
NPO TC	

**High Voltage Capacitors**

<b>DD30</b>	<b>102</b>
<b>Series</b>	<b>Capacitance (pF)</b>
DD30	3000V
DD60	6000V
	102 = 1,000 pF
	i.e. the third digit signifies the number of zeros

**Mechanical & Packaging Code**

Code	Lead Space	Lead Dia.	Lead Length	Form	Pack
AA	.250"	#22	1.00* min.	SLL	Bulk
AB	.375"	#22	1.00* min.	SLL	Bulk
BE	.250"	#22	.187 +.031/- .016*	SLC	Bulk
BF	.375"	#22	.187 +.031/- .016*	SLC	Bulk
CE	.250"	#22	.187 +.031/- .016*	BBC	Bulk
CF	.375"	#22	.187 +.031/- .016*	BBC	Bulk
EA	.250"	#22	.100* min.	SOL	Bulk
EB	.375"	#22	.100* min.	SOL	Bulk
FE	.250"	#22	.187 +.031/- .016*	IKC	Bulk
FF	.375"	#22	.187 +.031/- .016*	IKC	Bulk
GE	.250"	#22	.187 +.031/- .016*	OKC	Bulk
GF	.375"	#22	.187 +.031/- .016*	OKC	Bulk
MA	.200"	#22	.100* min.	SLL	Bulk
TE	.250"	#22	H = 16mm min.	SLC	Tape & Reel
TF	.250"	#22	Ho = 16 ± 0.5mm	IKC	Tape & Reel
TH	.200"	#22	Ho = 16 ± 0.5mm	IKC	Tape & Reel
TK	.200"	#22	Ho = 16 ± 0.5mm	SOL	Tape & Reel
TM	.200"	#22	H = 16mm min.	SLC	Tape & Reel

Note: All 6Kvdc discs use #20 avg. lead dia.

Conversion Factors:  
1 inch = 25.4001 mm  
1mm = .03937 inch

# Ceramic Disc Capacitors General Purpose

# PHILIPS

Capacitance Value	DC Voltage	Capacitance Tolerance	Temperature Coefficient	Lead Space (Pitch)	Distributor Part Number	Philips Part Number	Packaging Type
5,000 pF	50	+80%/-20%	Z5V	0.250"	CK502	D502Z20Z5VFAAEU	Bulk
0.01 μF	50	+80%/-20%	Z5V	0.250"	CK103	D103Z25Z5VFABEU	Bulk
0.02 μF	50	+80%/-20%	Z5V	0.375"	CK203	D203Z29Z5VFABEU	Bulk
0.025 μF	50	+80%/-20%	Z5V	0.375"	CK253	D253Z31Z5VFABEU	Bulk
0.03 μF	50	+80%/-20%	Z5V	0.250"	CK303	D303Z59Z5VFABEU	Bulk
0.05 μF	50	+80%/-20%	Z5V	0.375"	CK503	D503Z39Z5VFABEU	Bulk
0.1 μF	50	+80%/-20%	Z5V	0.375"	CK104	D104Z69Z5VFAZAA	Bulk
5,000 pF	100	±20%	Z5V	0.250"	DC502	D502M25Z5VHAAEU	Bulk
0.01 μF	100	±20%	Z5V	0.250"	DC103	D103M31Z5VHAAEU	Bulk
0.02 μF	100	±20%	Z5V	0.375"	DC203	D203M47Z5VHABEU	Bulk
0.025 μF	100	±20%	Z5V	0.375"	DC253	D253M47Z5VHABEU	Bulk
0.05 μF	100	±20%	Z5V	0.375"	DC503	D503M69Z5VHABEU	Bulk
0.1 μF	100	±20%	Z5V	0.375"	DC104	S104M69Z5VHAZAA	Bulk
1.5 pF	500	±.5 pF	C0K	0.250"	DTZ1R5	D159D20C0KLAAAA	Bulk
2.2 pF	500	±.5 pF	C0K	0.250"	DTZ2R2	D229D20C0KLAAAA	Bulk
3.3 pF	500	±.5 pF	C0J	0.250"	DTZ3R3	D339D20C0JLAAAA	Bulk
4.7 pF	500	±.5 pF	C0J	0.250"	DTZ4R7	D479D20C0JLAAAA	Bulk
6.8 pF	500	±.5 pF	C0H	0.250"	DTZ6R8	D689D20C0HLAAAA	Bulk
10 pF	500	±5%	C0G	0.250"	DTZ10	D100J20C0GLAAAA	Bulk
15 pF	500	±5%	C0G	0.250"	DTZ15	D150J20C0GLAAAA	Bulk
18 pF	500	±5%	C0G	0.250"	DTZ18	D180J20C0GLAAAA	Bulk
20 pF	500	±5%	C0G	0.250"	DTZ20	D200J25C0GLAAAA	Bulk
22 pF	500	±5%	C0G	0.250"	DTZ22	D220J25C0GLAAAA	Bulk
25 pF	500	±5%	C0G	0.250"	DTZ25	D250J25C0GLAAAA	Bulk
27 pF	500	±5%	C0G	0.250"	DTZ27	D270J25C0GLAAAA	Bulk
33 pF	500	±5%	C0G	0.250"	DTZ33	D330J25C0GLAAAA	Bulk
47 pF	500	±5%	C0G	0.250"	DTZ47	D470J29C0GLAAAA	Bulk
56 pF	500	±5%	C0G	0.250"	DTZ56	D560J31C0GLAAAA	Bulk
68 pF	500	±5%	C0G	0.250"	DTZ68	D680J39C0GLAAAA	Bulk
75 pF	500	±5%	C0G	0.375"	DTZ75	D750J39C0GLABAA	Bulk
82 pF	500	±5%	C0G	0.375"	DTZ82	D820J39C0GLABAA	Bulk
100 pF	500	±5%	C0G	0.375"	DTZ100	D101J39C0GLABAA	Bulk
120 pF	500	±5%	C0G	0.375"	DTZ120	D121J47C0GLABAA	Bulk
150 pF	500	±5%	C0G	0.375"	DTZ150	D151J47C0GLABAA	Bulk
200 pF	500	±5%	C0G	0.375"	DTZ200	D201J59C0GLABAA	Bulk
220 pF	500	±5%	C0G	0.375"	DTZ220	D221J59C0GLABAA	Bulk
150 pF	500	±10%	X5F	0.250"	CE151	D151K20X5FLAAEC	Bulk
220 pF	500	±10%	X5F	0.250"	CE221	D221K20X5FLAAEC	Bulk
330 pF	500	±10%	X5F	0.250"	CE331	D331K20X5FLAAEC	Bulk
470 pF	500	±10%	X5F	0.250"	CE471	D471K25X5FLAAEC	Bulk
500 pF	500	±10%	X5F	0.250"	CE501	D501K25X5FLAAEC	Bulk
560 pF	500	±10%	X5F	0.250"	CE561	D561K25X5FLAAEA	Bulk
680 pF	500	±10%	X5F	0.250"	CE681	D681K25X5FLAAEA	Bulk
750 pF	500	±10%	X5F	0.250"	CE751	D751K25X5FLAAEA	Bulk
800 pF	500	±10%	X5F	0.250"	CE801	D801K25X5FLAAEC	Bulk
820 pF	500	±10%	X5F	0.250"	CE821	D821K29X5FLAAEC	Bulk
1000 pF	500	±10%	X5F	0.250"	CE102	D102K29X5FLAAEC	Bulk
1200 pF	500	±10%	X5F	0.250"	CE122	D122K31X5FLAAEC	Bulk
1500 pF	500	±10%	X5F	0.250"	CE152	D152K39X5FLAAEC	Bulk
1800 pF	500	±10%	X5F	0.250"	CE182	D182K39X5FLAAEC	Bulk

Capacitance Value	DC Voltage	Capacitance Tolerance	Temperature Coefficient	Lead Space (Pitch)	Distributor Part Number	Philips Part Number	Packaging Type
2000 pF	500	±10%	X5F	0.250"	CE202	D202K39X5FLAAEC	Bulk
2200 pF	500	±10%	X5F	0.250"	CE222	D222K39X5FLAAEC	Bulk
3300 pF	500	±10%	X5F	0.375"	CE332	D332K47X5FLABEC	Bulk
3900 pF	500	±10%	X5F	0.375"	CE392	D392K59X5FLABEC	Bulk
4700 pF	500	±10%	X5F	0.375"	CE472	D472K59X5FLABEC	Bulk
5000 pF	500	±10%	X5F	0.375"	CE502	D502K59X5FLABED	Bulk
6200 pF	500	±10%	X5F	0.375"	CE622	D622K69X5FLABED	Bulk
8200 pF	500	±10%	X5F	0.375"	CE822	D822K75X5FLABEC	Bulk
0.01 µF	500	±10%	X5F	0.375"	CE103	D103K84X5FLABEA	Bulk
0.01 µF	500	+10%/−0%	Z5U	0.375"	DD6103	D103P59Z5ULABED	Bulk
0.015 µF	500	+80%/−20%	Z5U	0.375"	DD153	D153Z59Z5ULABED	Bulk
0.02 µF	500	+80%/−20%	Z5U	0.375"	DD203	D203Z59Z5ULABED	Bulk
0.03 µF	500	+80%/−20%	Z5U	0.375"	DD303	D303Z69Z5ULAZAA	Bulk
0.04 µF	500	+80%/−20%	Z5U	0.375"	DD403	D403Z84Z5ULAZAA	Bulk
0.05 µF	500	+80%/−20%	Z5U	0.375"	DD503	D503Z93Z5ULAZAA	Bulk
0.1 µF	500	+80%/−20%	Z5V	0.375"	DD104	S104Z93Z5VLAZAA	Bulk
3.3 pF	1000	±10%	S2L	0.250"	DD3R3	D339K20S2LNAAAL	Bulk
5.0 pF	1000	±10%	S2L	0.250"	DD050	D509K20S2LNAAAL	Bulk
6.0 pF	1000	±10%	S2L	0.250"	DD060	D609K20S2LNAAAL	Bulk
6.8 pF	1000	±10%	S2L	0.250"	DD6R8	D689K20S2LNAAAL	Bulk
7.0 pF	1000	±10%	S2L	0.250"	DD070	D709K20S2LNAAAL	Bulk
8.0 pF	1000	±10%	S2L	0.250"	DD080	D809K25S2LNAAAL	Bulk
10 pF	1000	±10%	S2L	0.250"	DD100	D100K25S2LNAAAL	Bulk
12 pF	1000	±10%	S2L	0.250"	DD120	D120K25S2LNAAAL	Bulk
15 pF	1000	±10%	S2L	0.250"	DD150	D150K25S2LNAAAL	Bulk
18 pF	1000	±10%	S2L	0.250"	DD180	D180K29S2LNAAAL	Bulk
20 pF	1000	±10%	S2L	0.250"	DD200	D200K29S2LNAAAL	Bulk
22 pF	1000	±10%	S2L	0.250"	DD220	D220K29S2LNAAAL	Bulk
24 pF	1000	±10%	S2L	0.250"	DD240	D240K29S2LNAAAL	Bulk
25 pF	1000	±10%	S2L	0.250"	DD250	D250K29S2LNAAAL	Bulk
27 pF	1000	±10%	S2L	0.250"	DD270	D270K31S2LNAAAL	Bulk
30 pF	1000	±10%	S2L	0.250"	DD300	D300K31S2LNAAAL	Bulk
33 pF	1000	±10%	S2L	0.250"	DD330	D330K39S2LNAAAL	Bulk
39 pF	1000	±10%	S2L	0.250"	DD390	D390K39S2LNAAAL	Bulk
47 pF	1000	±10%	S2L	0.250"	DD470	D470K39S2LNAAAL	Bulk
50 pF	1000	±10%	S3N	0.250"	DD500	D500K25S3NNAAAL	Bulk
51 pF	1000	±10%	S3N	0.250"	DD510	D510K25S3NNAAAL	Bulk
56 pF	1000	±10%	S3N	0.250"	DD560	D560K25S3NNAAAL	Bulk
68 pF	1000	±10%	S3N	0.250"	DD680	D680K25S3NNAAAL	Bulk
75 pF	1000	±10%	S3N	0.250"	DD750	D750K25S3NNAAAL	Bulk
82 pF	1000	±10%	S3N	0.250"	DD820	D820K25S3NNAAAL	Bulk
91 pF	1000	±10%	S3N	0.250"	DD910	D910K29S3NNAAAL	Bulk
100 pF	1000	±10%	S3N	0.250"	DD101	D101K29S3NNAAAL	Bulk
120 pF	1000	±10%	S3N	0.250"	DD121	D121K29S3NNAAAL	Bulk
130 pF	1000	±10%	S3N	0.250"	DD131	D131K31S3NNAAAL	Bulk
150 pF	1000	±10%	S3N	0.250"	DD151	D151K31S3NNAAAL	Bulk
180 pF	1000	±10%	S3N	0.250"	DD181	D181K39S3NNAAAL	Bulk
200 pF	1000	±10%	S3N	0.250"	DD201	D201K39S3NNAAAL	Bulk
220 pF	1000	±10%	Z5F	0.250"	DD221	D221K25Z5FNAEEM	Bulk
240 pF	1000	±10%	Z5F	0.250"	DD241	D241K25Z5FNAEEM	Bulk

# Ceramic Disc Capacitors General Purpose

# PHILIPS

Capacitance Value	DC Voltage	Capacitance Tolerance	Temperature Coefficient	Lead Space (Pitch)	Distributor Part Number	Philips Part Number	Packaging Type
250 pF	1000	±10%	Z5F	0.250"	DD251	D251K25Z5FNAAEM	Bulk
270 pF	1000	±10%	Z5F	0.250"	DD271	D271K25Z5FNAAEM	Bulk
300 pF	1000	±10%	Z5F	0.250"	DD301	D301K25Z5FNAAEM	Bulk
330 pF	1000	±10%	Z5F	0.250"	DD331	D331K25Z5FNAAEM	Bulk
350 pF	1000	±10%	Z5F	0.250"	DD351	D351K25Z5FNAAEM	Bulk
360 pF	1000	±10%	Z5F	0.250"	DD361	D361K25Z5FNAAEM	Bulk
390 pF	1000	±10%	Z5F	0.250"	DD391	D391K25Z5FNAAEM	Bulk
400 pF	1000	±10%	Z5F	0.250"	DD401	D401K25Z5FNAAEM	Bulk
470 pF	1000	±10%	Z5F	0.250"	DD471	D471K29Z5FNAAEM	Bulk
500 pF	1000	±10%	Z5F	0.250"	DD501	D501K29Z5FNAAEM	Bulk
510 pF	1000	±10%	Z5F	0.250"	DD511	D511K29Z5FNAAEM	Bulk
560 pF	1000	±10%	Z5F	0.250"	DD561	D561K31Z5FNAAEM	Bulk
600 pF	1000	±10%	Z5R	0.250"	DD601	D601K29Z5R5NAAEM	Bulk
680 pF	1000	±10%	Z5R	0.250"	DD681	D681K29Z5R5NAAEM	Bulk
750 pF	1000	±10%	Z5R	0.250"	DD751	D751K29Z5R5NAAEM	Bulk
820 pF	1000	±10%	Z5F	0.250"	DD821	D821K39Z5FNAAEM	Bulk
910 pF	1000	±10%	Z5R	0.250"	DD911	D911K29Z5R5NAAEM	Bulk
1000 pF	1000	±10%	Z5F	0.250"	DD102	D102K39Z5FNAAEM	Bulk
1000 pF	1000	+100%/-0%	Z5U	0.250"	DD102G	D102P25Z5UNAAEM	Bulk
1200 pF	1000	±10%	Z5R	0.250"	DD122	D122K39Z5R5NAAEM	Bulk
1300 pF	1000	±10%	Z5R	0.250"	DD132	D132K39Z5R5NAAEM	Bulk
1500 pF	1000	±10%	Z5R	0.250"	DD152	D152K39Z5R5NAAEM	Bulk
1500 pF	1000	+100%/-0%	Z5U	0.250"	DD152G	D152P25Z5UNAAEM	Bulk
1600 pF	1000	±10%	Z5R	0.250"	DD162	D162K39Z5R5NAAEM	Bulk
1800 pF	1000	±10%	Z5R	0.250"	DD182	D182K39Z5R5NAAEM	Bulk
2000 pF	1000	±20%	Z5U	0.250"	DD202	D202M29Z5UNAAEM	Bulk
2200 pF	1000	±20%	Z5U	0.250"	DD222	D222M29Z5UNAAEM	Bulk
2500 pF	1000	±20%	Z5U	0.250"	DD252	D252M31Z5UNAAEM	Bulk
2700 pF	1000	±20%	Z5U	0.250"	DD272	D272M31Z5UNAAEM	Bulk
3000 pF	1000	±20%	Z5U	0.250"	DD302	D302M31Z5UNAAEM	Bulk
3300 pF	1000	±20%	Z5U	0.250"	DD332	D332M39Z5UNAAEM	Bulk
3900 pF	1000	±20%	Z5U	0.250"	DD392	D392M39Z5UNAAEM	Bulk
4000 pF	1000	±20%	Z5U	0.250"	DD402	D402M39Z5UNAAEM	Bulk
4300 pF	1000	±20%	Z5U	0.250"	DD432	D432M39Z5UNAAEM	Bulk
4700 pF	1000	±20%	Z5U	0.250"	DD472	D472M39Z5UNAAEM	Bulk
5000 pF	1000	±20%	Z5U	0.250"	DD5022	D502M39Z5UNAAEM	Bulk
5000 pF	1000	+100%/-0%	Z5U	0.375"	DD502	D502P47Z5UNABEM	Bulk
5600 pF	1000	±20%	Z5U	0.250"	DD562	D562M47Z5UNAAEM	Bulk
6800 pF	1000	±20%	Z5U	0.375"	DD682	D682M47Z5UNABEM	Bulk
7500 pF	1000	±20%	Z5U	0.375"	DD752	D752M47Z5UNABEM	Bulk
8200 pF	1000	±20%	Z5U	0.375"	DD822	D822M47Z5UNABEM	Bulk
0.01 µF	1000	±20%	Z5U	0.375"	DD1032	D103M59Z5UNABEM	Bulk
0.01 µF	1000	+100%/-0%	Z5U	0.375"	DD103	D103P69Z5UNABEM	Bulk
4.7 pF	3000	±20%	S2L	0.250"	DD304R7	D479M35S2LRAAAL	Bulk
10 pF	3000	±20%	S2L	0.250"	DD30100	D100M35S2LRAAAL	Bulk
15 pF	3000	±20%	S2L	0.250"	DD30150	D150M35S2LRAAAL	Bulk
22 pF	3000	±20%	S3N	0.250"	DD30220	D220M35S3NRRAAL	Bulk
30 pF	3000	±20%	S3N	0.250"	DD30300	D300M35S3NRRAAL	Bulk
33 pF	3000	±20%	S3N	0.250"	DD30330	D330M35S3NRRAAL	Bulk
47 pF	3000	±20%	S3N	0.250"	DD30470	D470M35S3NRRAAL	Bulk

Capacitance Value	DC Voltage	Capacitance Tolerance	Temperature Coefficient	Lead Space (Pitch)	Distributor Part Number	Philips Part Number	Packaging Type
50 pF	3000	±20%	S3N	0.250"	DD30500	D500M35S3NRAAAL	Bulk
68 pF	3000	±20%	S3N	0.250"	DD30680	D680M35S3NRAAAL	Bulk
82 pF	3000	±20%	S3N	0.250"	DD30820	D820M35S3NRAAAL	Bulk
100 pF	3000	±20%	Z5U	0.250"	DD30101	D101M35Z5URAAEM	Bulk
150 pF	3000	±20%	Z5U	0.250"	DD30151	D151M35Z5URAAEM	Bulk
200 pF	3000	±20%	Z5U	0.250"	DD30201	D201M35Z5URAAEM	Bulk
220 pF	3000	±20%	Z5U	0.250"	DD30221	D221M35Z5URAAEM	Bulk
250 pF	3000	±20%	Z5U	0.250"	DD30251	D251M35Z5URAAEM	Bulk
270 pF	3000	±20%	Z5U	0.250"	DD30271	D271M35Z5URAAEM	Bulk
300 pF	3000	±20%	Z5U	0.250"	DD30301	D301M35Z5URAAEM	Bulk
330 pF	3000	±20%	Z5U	0.250"	DD30331	D331M35Z5URAAEM	Bulk
390 pF	3000	±20%	Z5U	0.250"	DD30391	D391M35Z5URAAEM	Bulk
470 pF	3000	±20%	Z5U	0.250"	DD30471	D471M35Z5URAAEM	Bulk
500 pF	3000	±20%	Z5U	0.250"	DD30501	D501M35Z5URAAEM	Bulk
680 pF	3000	±20%	Z5U	0.250"	DD30681	D681M35Z5URAAEM	Bulk
750 pF	3000	±20%	Z5U	0.250"	DD30751	D751M35Z5URAAEM	Bulk
820 pF	3000	±20%	Z5U	0.250"	DD30821	D821M35Z5URAAEM	Bulk
1000 pF	3000	±20%	Z5U	0.250"	DD30102	D102M43Z5URAAEM	Bulk
1200 pF	3000	±20%	Z5U	0.250"	DD30122	D122M43Z5URAAEM	Bulk
1500 pF	3000	±20%	Z5U	0.375"	DD30152	D152M43Z5URABEM	Bulk
2000 pF	3000	±20%	Z5U	0.375"	DD30202	D202M52Z5URABEM	Bulk
2200 pF	3000	±20%	Z5U	0.375"	DD30222	D222M52Z5URABEM	Bulk
2700 pF	3000	±20%	Z5U	0.375"	DD30272	D272M52Z5URABEM	Bulk
3000 pF	3000	±20%	Z5U	0.375"	DD30302	D302M63Z5URABEM	Bulk
3300 pF	3000	±20%	Z5U	0.375"	DD30332	D332M63Z5URABEM	Bulk
3900 pF	3000	±20%	Z5U	0.375"	DD30392	D392M63Z5URABEM	Bulk
4700 pF	3000	±20%	Z5U	0.375"	DD30472	D472M73Z5URABEM	Bulk
5000 pF	3000	±20%	Z5U	0.375"	DD30502	D502M73Z5URABEM	Bulk
0.01 μF	3000	±20%	Z5U	0.375"	DD30103	D103M96Z5URABEM	Bulk
10 pF	6000	±20%	S2L	0.375"	DD60100	D100M62S2LUABAL	Bulk
15 pF	6000	±20%	S2L	0.375"	DD60150	D150M66S2LUABAL	Bulk
30 pF	6000	±20%	S3N	0.375"	DD60300	D300M66S3NUABAL	Bulk
39 pF	6000	±20%	S3N	0.375"	DD60390	D390M66S3NUABAL	Bulk
47 pF	6000	±20%	S3N	0.375"	DD60470	D470M66S3NUABAL	Bulk
50 pF	6000	±20%	S3N	0.375"	DD60500	D500M66S3NUABAL	Bulk
75 pF	6000	±20%	S3N	0.375"	DD60750	D750M66S3NUABAL	Bulk
82 pF	6000	±20%	S3N	0.375"	DD60820	D820M66S3NUABAL	Bulk
100 pF	6000	±20%	S3N	0.375"	DD60101	D101M66S3NUABAA	Bulk
120 pF	6000	±20%	S3N	0.375"	DD60121	D121M66S3NUABAL	Bulk
150 pF	6000	±20%	Z5F	0.375"	DD60151	D151M66Z5FUABAL	Bulk
180 pF	6000	±20%	Z5U	0.375"	DD60181	D181M66Z5UUABEM	Bulk
200 pF	6000	±20%	Z5U	0.375"	DD60201	D201M66Z5UUABEM	Bulk
220 pF	6000	±20%	Z5U	0.375"	DD60221	D221M66Z5UUABEM	Bulk
250 pF	6000	±20%	Z5U	0.375"	DD60251	D251M66Z5UUABEM	Bulk
300 pF	6000	±20%	Z5U	0.375"	DD60301	D301M66Z5UUABEM	Bulk
390 pF	6000	±20%	Z5U	0.375"	DD60391	D391M66Z5UUABEM	Bulk
470 pF	6000	±20%	Z5U	0.375"	DD60471	D471M66Z5UUABEM	Bulk
500 pF	6000	±20%	Z5U	0.375"	DD60501	D501M66Z5UUABEM	Bulk
750 pF	6000	±20%	Z5U	0.375"	DD60751	D751M66Z5UUABEM	Bulk
820 pF	6000	±20%	Z5U	0.375"	DD60821	D821M66Z5UUABEM	Bulk

# Ceramic Disc Capacitors

## General Purpose

**PHILIPS**

Capacitance Value	DC Voltage	Capacitance Tolerance	Temperature Coefficient	Lead Space (Pitch)	Distributor Part Number	Philips Part Number	Packaging Type
1000 pF	6000	±20%	Z5U	0.375"	DD60102	D102M66Z5UUABEM	Bulk
1200 pF	6000	±20%	Z5U	0.375"	DD60122	D122M66Z5UUABEM	Bulk
1500 pF	6000	±20%	Z5U	0.375"	DD60152	D152M66Z5UUABEM	Bulk
2000 pF	6000	±20%	Z5U	0.375"	DD60202	D202M76Z5UUABEM	Bulk
2200 pF	6000	±20%	Z5U	0.375"	DD60222	D222M76Z5UUABEM	Bulk