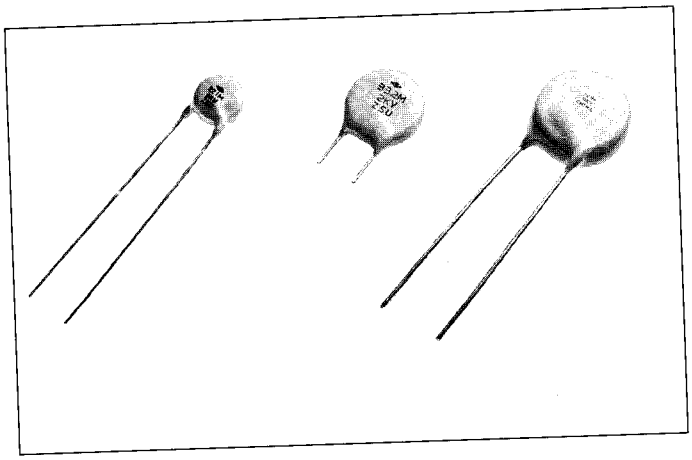
PHILIPS



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

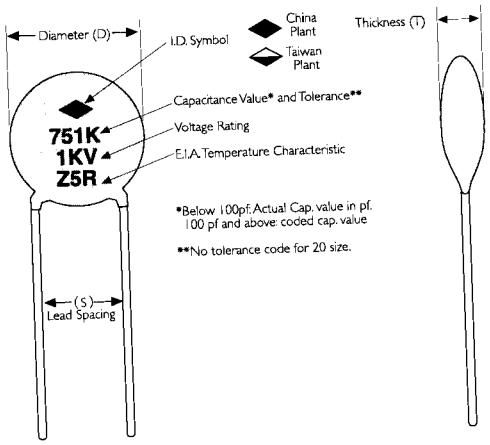
Encapsulation

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

Electrical Parameters

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

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,

Standard Disc Capacitor Lead Styles

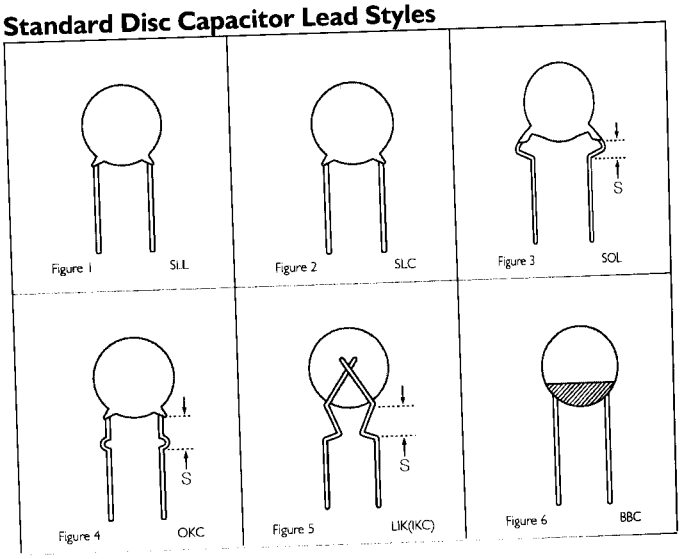


Figure Form Definition

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

Table 1 Part Number

Series D and S

D — **D Disc** product line

102 — **Capacitance Value (PF)**
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

K — **Tolerance Code**
C ±0.25 pF
D ±0.5 pF
F ±1 pF
J ±5%
K ±10%
M ±20%
P +100/−0%
Z +80/−20%

29 — **Size Code**

Case Size	Maximum diameter Inches (mm)	Maximum thickness Inches (mm)
20	0.197 (5.00)	0.157 (3.99)
25	0.256 (6.50)	0.157 (3.99)
29	0.290 (7.37)	0.157 (3.99)
31	0.310 (7.87)	0.157 (3.99)
33	0.330 (8.83)	0.236 (5.99)
35	0.350 (8.89)	0.236 (5.99)
39	0.394 (10.01)	0.157 (3.99)
43	0.430 (10.92)	0.236 (5.99)
47	0.472 (11.99)	0.157 (3.99)
52	0.520 (13.21)	0.236 (5.99)
59	0.590 (14.99)	0.157 (3.99)
63	0.630 (16.00)	0.236 (5.99)
66	0.660 (16.76)	0.313 (7.95)
73	0.730 (18.54)	0.236 (5.99)
75	0.750 (19.05)	0.177 (4.50)
76	0.760 (19.30)	0.313 (7.95)
79	0.790 (20.07)	0.236 (5.99)
84	0.840 (21.34)	0.177 (4.50)
93	0.930 (23.62)	0.177 (4.50)
96	0.960 (24.38)	0.313 (7.95)

Z5F — **Temperature Characteristics**

Class I

First 2 Digits	Last Digit Denotes TC Tolerance (≥10 pF)
C0 C0G	G±30PPM
U1 N080	H±60PPM
P2 N150	J±120PPM
R2 N220	K±250PPM
S2 N330	L±500PPM
T2 N470	M±1000PPM
U2 N750	N±2500PPM
P3 N1500	
R3 N2200	
S3 N3300	

Class II & III

First Digit is Lower Temp	Second Digit is Upper Temp	Third Digit is Percent Change Allowed*
X −55°C	5 +85°C	F ±7.5%
Y −30°C	6 +105°C	P ±10%
Z +10°C	7 +125°C	R ±15%
	8 +150°C	S ±22%
		T +22/−33%
		U +22/−56%
		V +22/−82%

*Changes in Capacitance are all using the 25C Capacitance Value as Reference Point

N — **Voltage Code**
F 50VDC
H 100VDC
L 500VDC
N 1KVDC
P 2KVDC
R 3KVDC
U 6KVDC

AA — **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.

EM — **Test Code**

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

Ceramic Disc Capacitor Distributor Part Number

General Purpose

DD — **Series**

Series	Volt	Note
CK	50V	Z5V TC
DC	100V	Z5V TC
CE	500V	X5F TC
CF	500V	Z5P TC
DD	1000V	Various TC
GAP	Special	See Catalog for Detail

102 — **Coded Capacitance**

Temperature Compensating

DTZ — **Series**

Series	Volt	Note
DTZ	500V	NPO TC

100 — **Coded Capacitance**

High Voltage Capacitors

DD30 — **Series**

Series	Volt
DD30	3000V
DD60	6000V

102 — **Capacitance (pF)**

102 = 1,000 pF
i.e. the third digit signifies the number of zeros

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	D103Z25Z5VFAAEU	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

Ceramic Disc Capacitors
General Purpose

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	+100/−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	D221K25Z5FNAAEM	Bulk
240 pF	1000	±10%	Z5F	0.250"	DD241	D241K25Z5FNAAEM	Bulk

FOR ADDITIONAL INFORMATION REFER TO DATA HANDBOOK PA06-A.

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	D601K29Z5RNAAEM	Bulk
680 pF	1000	±10%	Z5R	0.250″	DD681	D681K29Z5RNAAEM	Bulk
750 pF	1000	±10%	Z5R	0.250″	DD751	D751K29Z5RNAAEM	Bulk
820 pF	1000	±10%	Z5F	0.250″	DD821	D821K39Z5FNAAEM	Bulk
910 pF	1000	±10%	Z5R	0.250″	DD911	D911K29Z5RNAAEM	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	D122K39Z5RNAAEM	Bulk
1300 pF	1000	±10%	Z5R	0.250″	DD132	D132K39Z5RNAAEM	Bulk
1500 pF	1000	±10%	Z5R	0.250″	DD152	D152K39Z5RNAAEM	Bulk
1500 pF	1000	+100%/−0%	Z5U	0.250″	DD152G	D152P25Z5UNAAEM	Bulk
1600 pF	1000	±10%	Z5R	0.250″	DD162	D162K39Z5RNAAEM	Bulk
1800 pF	1000	±10%	Z5R	0.250″	DD182	D182K39Z5RNAAEM	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	D220M35S3NRAAAL	Bulk
30 pF	3000	±20%	S3N	0.250″	DD30300	D300M35S3NRAAAL	Bulk
33 pF	3000	±20%	S3N	0.250″	DD30330	D330M35S3NRAAAL	Bulk
47 pF	3000	±20%	S3N	0.250″	DD30470	D470M35S3NRAAAL	Bulk

Ceramic Disc Capacitors
General Purpose

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	D100M622S2LUABAL	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

FOR ADDITIONAL INFORMATION REFER TO DATA HANDBOOK PA06-A.

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