Single Layer and Broadband Blocking Capacitors

DiCap® - Part Number Identification

D	10	CP	OR1	B	5	P	X

Product
D = Single Layer Capacitor (DiCap®)

Case Size

10	30
12	35
15	50
20	70
25	90

Material
See Material tables in the General Section.

Capacitance
R02 = 0.02 pF
OR5 = 0.5 pF
1R0 = 1.0 pF
5R1 = 5.1 pF
100 = 10 pF
101 = 100 pF
432 = 4300 pf
See Capacitance tables for available values. Consult Factory for custom solution.

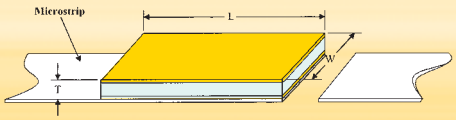
Tolerance

A = ± 0.05pF	J = ± 5%
B = ± 0.10pF	K = ± 10%
C = ± 0.25pF	L = ± 15%
D = ± 0.5pF	M = ± 20%
F = ± 1%	Z = + 80%
G = ± 2%	- 20%

Voltage
C=16V
5=50V
1=100V

Termination
P = Ni / Au
T = Ni / AuSn
M = Au
L = Single Beam Lead
A = Axial Beam Lead
S = Standing Axial Beam Lead

Test Level
Y, X, A, B, C, D and E. see Test Level Codes in General section.



Border Cap® - Part Number Identification

D	10	BJ	100	K	1	E	X

Product
D = Single Layer Capacitor (Border Cap®)

Case Size

10	30
12	35
15	40
20	50
25	

Material
See Material tables in the General Section.

Capacitance
R02 = 0.02 pF
OR5 = 0.5 pF
1R0 = 1.0 pF
5R1 = 5.1 pF
100 = 10 pF
101 = 100 pF
152 = 1500 pf
See Capacitance tables for available values. Consult Factory for custom solution.

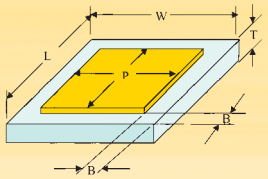
Tolerance

A = ± 0.05pF	J = ± 5%
B = ± 0.10pF	K = ± 10%
C = ± 0.25pF	L = ± 15%
D = ± 0.5pF	M = ± 20%
F = ± 1%	Z = + 80%
G = ± 2%	- 20%

Voltage
C=16V
1=100V

Termination
Ni / Au
B = single border
E = double border

Test Level
Y, X, A, B, D and E. See Test Level Codes in General section.



GapCap - Part Number Identification

G	10	BU	100	K	5	P	X	10

Product
G = GapCapacitor

Case Size

10	30
15	35
20	50
25	

Material
See Material Tables in the General Section.

Capacitance
R01 = 0.01 pF
OR5 = 0.5 pF
1R0 = 1.0 pF
5R1 = 5.1 pF
100 = 10 pF
511 = 510 pF
See Capacitance tables for available values. Consult Factory for custom solution.

Tolerance

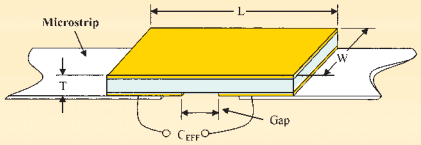
A = ± 0.05pF	J = ± 5%
B = ± 0.10pF	K = ± 10%
C = ± 0.25pF	L = ± 15%
D = ± 0.5pF	M = ± 20%
F = ± 1%	z = + 80%
G = ± 2%	- 20%

Voltage
C=16V
2=25V
5=50V

Termination
P = Ni / Au
M = Au

Test Level
Y, X, A, B, D and E. See Test Level Codes in General section.

Gap Width
In mils
5
8
10
20



Bar Cap® - Part Number Identification

E	40	BU	151	Z	1	P	X	4

Product
E = Bar Capacitor

Case Size
20
25
30
40

Material
See Material Tables in the General Section.

Capacitance (pF)
Per Pad
800 = 80 pF
101 = 100 pF
121 = 120 pF
151 = 150 pF
Consult Factory for custom solution.

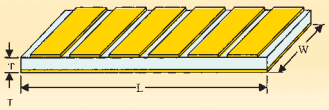
Tolerance
Z = + 80% - 20%

Voltage
C=16V
1=100V

Termination
P = Ni / Au
M = Au

Test Level
Y or X.
See Test Level Codes in General section.

Capacitor Quantity
3
4
6
Etc.



Bi Cap - Part Number Identification

F	15	NR	OR1	M	1	P	X	3

Product
F = Binary Capacitor

Size
15
25
30
35
40

Material
See Material Tables in the General Section.

Capacitance (pF)
Lowest Value in series is part #
R08 = .075 pF
OR1 = .1 pF
OR2 = .2 pF
OR4 = .4 pF
OR5 = .5 pF
Consult Factory for custom solution.

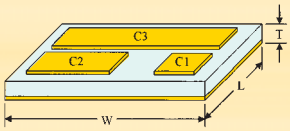
Tolerance
M = ± 20%

Voltage
C=16V
1=100V

Termination
P = Ni / Au
M = Au

Pad Quantity
3
4

Test level
Y or X,
See Test Level Codes in General Section.



T-Cap® - Part Number Identification

T	10	BV	10	X	K	P	X

Product
T = Transmission Line Capacitor

Width
Two digit number represents the width in .001 in.

Material
See Material Tables in the General Section.

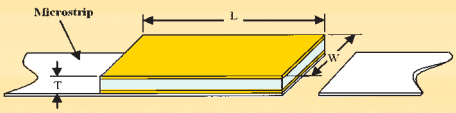
Length
Two digit number represents the width in .001 in.

Tolerance
X = ± .001" = length
= ± .001" = width
= ± .0005" = thikness
S = Special

Thickness
Thickness in .010 in.
Digits 0,....,9 = literal
K = .010
M = .020
Example K2 = .012 inches

Termination
P = Ni / Au
T = Ni / AuSn
M = Au

Test level
Y or X,
See Test Level Codes in General Section.



C04, C06, C08 Broadband DC Blocks

Part Number	Capacitance Guaranteed Minimum Value	Voltage Rating	Temperature Coefficient -55°C to 125°C	Maximum Dissipation Factor	Insulation Resistance (MW Minimum)	Age Rate	Frequency Range	Metallization
C06BLBB2X5 UX / ZX / SX 0603 case size	850pF @ 1khz, .2Vrms	50 V dc	± 15%	3.0% @ 1KHz, . 2Vrms	10^4	≤ 1.5%/ decade hours	2MHz - 30GHz	"U" = Ni barrier w / solder plate "S" = Ni barrier w / gold flash RoHS Compliant "Z" = Ni/Sn RoHS Compliant
C08BLBB1X5 UX / ZX / SX 0805 case size	2400pF @ 1khz, .2Vrms						1MHz - 20GHz