



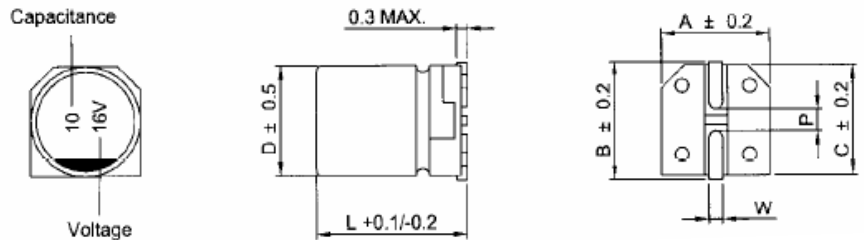
CU SERIES

Chip type, For surface mounting

Cap. μ F	63		100		160		200		250		400		450	
WV	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.47	A	5												
1	A	8												
2.2	A	12												
3.3	B	17							G	65			G	40
4.7	C	22							G	68	G	50	G	50
10	C	32					G	80	G	72	G	65	H	55
22	C8	58	E	100			G	90	G	90	I	85	I	85
33	E	140	F	150	G	95	H	110	I	180				
47	E	170	G	250	H	110	I	220	I	180				
100	F	310	G	380	I	190								
220	G	470	I	450										
330	I	700												
470	I	700												

Diagram of dimensions

SIZE	D ϕ	L	A	C	B	W	P
A	4	5.5	4.3	4.3	5.1	0.5~0.8	1.0
B	5	5.5	5.3	5.3	5.9	0.5~0.8	1.4
C	6.3	5.5	6.6	6.6	7.2	0.5~0.8	2.0
C8	6.3	7.7	6.6	6.6	7.2	0.5~0.8	2.0
D	8	6.5	8.3	8.3	9.0	0.5~0.8	2.2
E	8	10.5	8.3	8.3	9.0	0.8~1.1	3.1
F	10	10.2	10.3	10.3	11.0	0.8~1.1	4.5
G	12.5	13.5	12.8	12.8	14.4	1.1~1.4	4.6
H	12.5	16.0	12.8	12.8	14.4	1.1~1.4	4.6
I	16	16.5	16.3	16.3	17.6	1.8~12.2	6.0



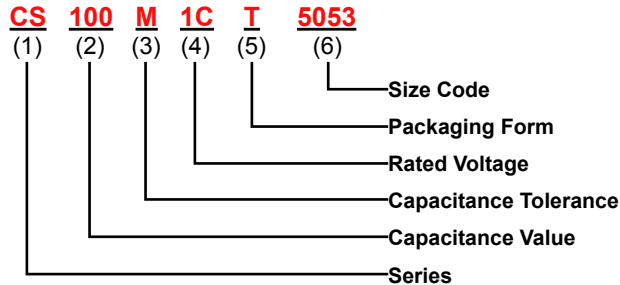
ORDERING INFORMATION (SMD)



Daewoo Components Corp.

Surface Mount Part Numbering System Example:

CS = SMD Series, **100** = 10µF, **M** =20% Tolerance, **1C** = W.V = 16 Volts, **TR** = Tape & Reel, **5053** = Case size (Dia x H) = 5.0 x 5.3mm



(1) Series

See quick guide on website.
 Surface mount (CS, CU, CZ, CZH, CN, CK)
 Example: CS = 2000hrs @ 85°C
 CU = 1000hrs @ 105°C

(5) Packaging Form Code

Surface Mount	T	Tape & Reel for Surface Mount
	XX	Tape & Reel SMD 13" Reels (330mm)

(2) Capacitance Value Code

Capacitance expressed in micro Farads (µF)
 First two digits are significant figures
 Third digit denotes the number of zeros
 Use R for decimal point for values less than 10µF

Examples:

CODE	Capacitance
R10	0.1 µF
R68	0.68 µF
1R0	1.0 µF
100	10 µF
680	68 µF
471	470 µF
102	1000 µF
103	10000 µF

(6) Size Code

Size Code	Dimensions (mm)	
	Diameter	Length
3054	3.0	5.4
4053	4.0	5.3
4055	4.0	5.5
5053	5.0	5.3
5055	5.0	5.5
6353	6.3	5.3
6355	6.3	5.5
6357	6.3	5.7
6377	6.3	7.7
8069	8.0	6.3
8010	8.0	10.0
1010	10.0	10.0
1213	12.5	13.5
1216	12.5	16.0

(3) Capacitance Tolerance Code

CODE	Cap. Tol.
M	±20%

(4) Rated Voltage Code

CODE	Voltage	CODE	Voltage
	4.0V	2A	100V
0J	6.3V	2C	160V
1A	10V	2D	200V
1C	16V	2E	250V
1E	25V	2V	350V
1V	35V	2G	400V
1H	50V	2W	450V