Aluminum Electrolytic Capacitors

Part Numbering System for the SMD Type

When you place an order for Cal-chip electrolytic capacitors, please refer to our part number as shown below.

CV2 series		16V	10 μF	±20%	4φ×5.3L		Carrier tape
CV2	–	**1C**	**100**	**M**	**D55**	–	**R**
□□□		□□	□□□	□	□□□		□
①		②	③	④	⑤		⑥
Series name		Rated voltage	Capacitance	Capacitance tolerance	Symbol of case size		Package type

① Series:

Series is represented by a three digit code.

② Rated Voltage: Voltage on volts (V) is represented by two digit code showing the real working voltage:OG=4V,OJ=6.3V,1A=10V, 1C=16V,1E=25V,1V=35V,1H=50V,1J=63V,1K=80V,2A=100V,2C=160V,2D=200V,2E=250V,2G=400V and 2W=450V

③ Capacitance:

Rated capacitance in μF is represented by a three digit number. The first two digits are the significant figures of the nominal capacitance and the third digit indicates the number of zeros following these figures. The decimal point is represent by the capital letter R. Please refer to the following example:

μF	0.1	0.47	1	4.7	10	47	100	470	1000
Part number	0R1	R47	010	4R7	100	470	101	471	102

④ Tolerance:

Symbol of W, T, Q, V, M, K and J show special capacitance tolerance which are listed as follows:

W = -10% ~ +100%	M = -20% ~ +20%
T = -10% ~ +50%	K = -10% ~ +10%
Q = -10% ~ +30%	J = -5% ~ +5%
V = -10% ~ +20%	

⑤ Case Size: Symbol of case size are listed as follows:

φD×L (mm)	Symbol	φD×L (mm)	Symbol	φD×L (mm)	Symbol	φD×L (mm)	Symbol
3×5.3	B55	6.3×5.3	F55	8×6.5	G68	10×10.0	H10
4×5.3	D55	6.3×5.7	F60	8×7.0	G72	10×13.0	H13
4×5.7	D60	6.3×6.0	F62	8×10.0	G10	12.5×13.5	K14
5×5.3	E55	6.3×7.0	F72	8×12.0	G12	12.5×16.0	K16
5×5.7	E60	6.3×7.7	F80	10×8.0	H82	16×16.5	L17

⑥ Package type:

R = Taping polarity symbol with reel package in 380 mm