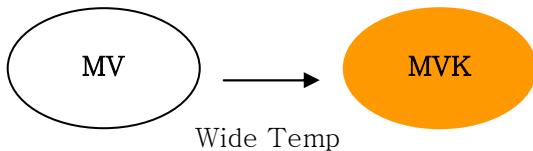


# MVK Series

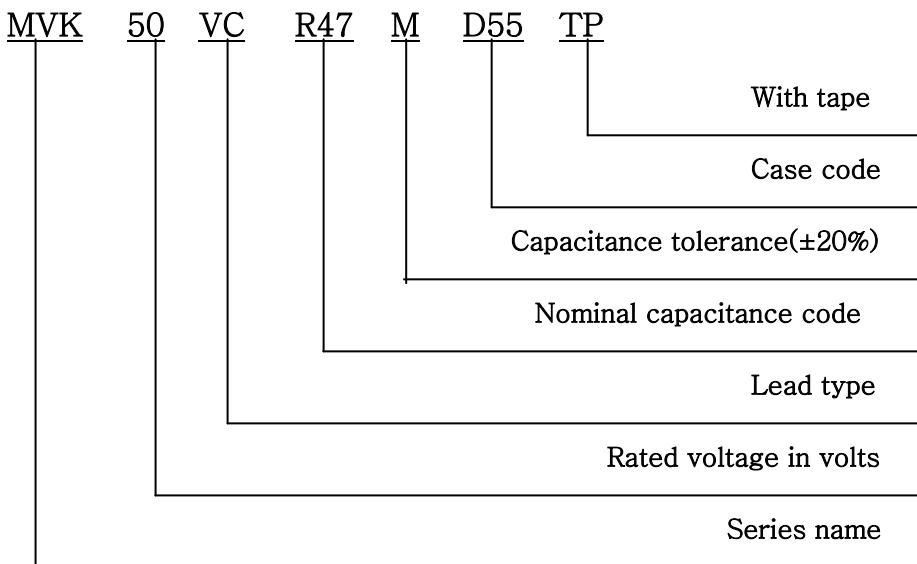
- 105°C 1,000~ 2,000Hrs assured

- Vertical SMD type
  - Wide Temperature range
  - EMVK Series : Ecological capacitors with the same characteristics as MVK



## SPECIFICATIONS

## PART NUMBERING SYSTEM



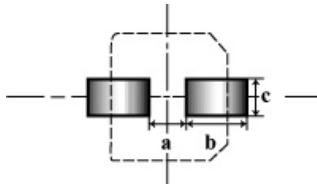
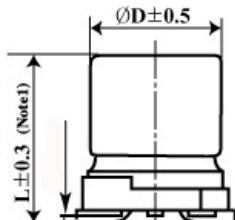
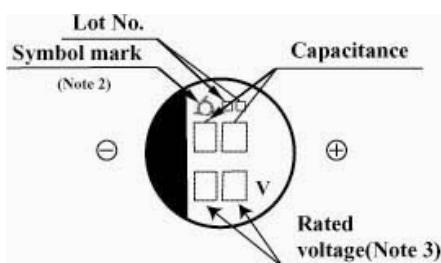
Capacitance	Code
<b>0.1 <math>\mu</math>F</b>	R1
<b>0.47 <math>\mu</math>F</b>	R47
<b>1.0 <math>\mu</math>F</b>	1
<b>4.7 <math>\mu</math>F</b>	4R7
<b>10 <math>\mu</math>F</b>	10
<b>100 <math>\mu</math>F</b>	100

## DIMENSIONS OF MVK Series (Type :VC)

### DIMENSIONS

Recommended solder land on PC board

#### Marking

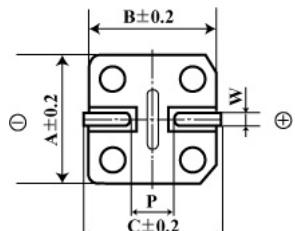


**Sold land on PC board**

Note 1 :  $L + 0.5$  for 8 x 6.3 (H63), 8 x 10 (H10), 10 x 10(J10)

Note 2 : 4 x 5.2(D55), 5 x 5.2(E55) is excluded symbol mark

Note 3 : 6.3WV is marked by 6V.



Case code	$\varnothing$	D	L	A	B	C	W	P	a	b	c
D55	4	5.2	4.3	4.3	5.1	0.5–0.8	1.0	1.0	2.6	1.6	
E55	5	5.2	5.3	5.3	5.9	0.5–0.8	1.4	1.4	3.0	1.6	
F55	6.3	5.2	6.6	6.6	7.2	0.5–0.8	1.9	1.9	3.5	1.6	
F60	6.3	5.7	6.6	6.6	7.2	0.5–0.8	1.9	1.9	3.5	1.6	
H63	8	6.3	8.3	8.3	9.0	0.5–0.8	2.3	2.3	4.5	1.6	
H10	8	10.0	8.3	8.3	9.0	0.7–1.1	3.1	3.1	4.2	2.2	
J10	10	10.0	10.3	10.3	11.0	0.7–1.1	4.5	4.5	4.4	2.2	

## RATINGS OF MVK Series

Permissible Ripple Current(mArms / 105°C, 120Hz)

Item μF	V <sub>DC</sub>	6.3(0J)		10(1A)		16(1C)		
		Case Code	Ripple Current	Case Code	Ripple Current	Case code	Ripple Current	
0.1								
0.22								
0.33								
0.47								
1								
2.2								
3.3								
4.7								
10						D55	16	
22	D55	21	E55	30	E55	30		
33	E55	34	E55	34	F55	45		
47	E55	36	F55	48	F55	48		
100	F55	F60	56	F60	H63	90	F60	H10
220	H63		150	H63		150	H10	
330	H10		290	J10		450	J10	
470	J10		460	J10		460	J10	
1000	J10		520					

Item μF	V <sub>DC</sub>	25(1E)		35(1V)		50(1H)		
		Case code	Ripple Current	Case Code	Ripple current	Case code	Ripple current	
0.1						D55	1.3	
0.22						D55	2.6	
0.33						D55	3.2	
0.47						D55	3.8	
1						D55	5.6	
2.2						D55	10	
3.3						D55	14	
4.7				D55	15	E55	19	
10	E55	25		E55	25	F55	29	
22	F55	40		F55	40	H63	70	
33	F55	45		H63	80	H10	140	
47	F60	H63	52	80	H63	140	H10	170
100	H10	180		H10	250	J10	310	
220	J10	375		J10	375			
330	J10	450						
470								
1000								