

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## ■ Dimensions

Cap. ( $\mu$ F)	V (Code)		10		16		25		35	
	Code		1A		1C		1E		1V	
1	010								10 × 12.5	35
2.2	2R2								10 × 12.5	50
3.3	3R3								10 × 12.5	60
4.7	4R7								10 × 12.5	85
10	100								10 × 12.5	175
22	220								10 × 12.5	200
33	330								10 × 12.5	225
47	470								10 × 12.5	250
100	101						10 × 12.5	250	10 × 20	400
220	221				10 × 16	300	12.5 × 20	500	12.5 × 25	600
330	331	10 × 16	300		10 × 20	400	12.5 × 25	600	16 × 25	800
470	471	10 × 20	400		12.5 × 20	600	16 × 25	800	16 × 31.5	1000
1000	102	12.5 × 25	600		16 × 25	800	16 × 31.5	1000	18 × 40	1300
2200	222	16 × 31.5	1000		18 × 35.5	1200				
3300	332	18 × 35.5	1200		18 × 40	1300				
4700	472	18 × 40	1300						Case size $\phi$ D × L (mm)	Rated ripple

Cap. ( $\mu$ F)	V (Code)		50		63		80		100	
	Code		1H		1J		1K		2A	
22	220								10 × 12.5	390
33	330						10 × 12.5	420	10 × 16	510
47	470						10 × 16	550	10 × 20	640
56	560				10 × 12.5	430	10 × 20	690	10 × 20	640
68	680				10 × 16	560	10 × 20	690	12.5 × 20	760
100	101	10 × 12.5	380		10 × 20	710	12.5 × 20	820	12.5 × 25	950
220	221	10 × 20	640		12.5 × 25	1040	16 × 25	1250	16 × 31.5	1380
330	331	12.5 × 20	770		12.5 × 31.5	1170	16 × 31.5	1480	18 × 31.5	1430
470	471	12.5 × 25	960		16 × 25	1280	18 × 31.5	1530		
560	561	12.5 × 31.5	1080		16 × 31.5	1520				
680	681	16 × 25	1190		16 × 35.5	1520				
1000	102	16 × 31.5	1420						Case size $\phi$ D × L (mm)	Rated ripple

Rated ripple current (mA rms) at 150°C 100kHz

### ● Frequency coefficient of rated ripple current

V	CV	Frequency			
		120Hz	300Hz	1kHz	10kHz or more
10 to 100	1000 > CV	0.50	0.64	0.83	1.00
	1000 ≤ CV	0.67	0.79	0.91	1.00

Cap. ( $\mu$ F)	V (Code)		160		200		350		400	
	Code		2C		2D		2V		2G	
4.7	4R7						10 × 16	77	10 × 20	83
6.8	6R8				10 × 12.5	83	10 × 20	110	12.5 × 20	88
10	100	10 × 12.5	110		10 × 12.5	83	12.5 × 20	120	12.5 × 25	105
15	150	10 × 12.5	110		10 × 16	130	12.5 × 25	130	12.5 × 25	105
22	220	10 × 16	160		10 × 20	170				
33	330	12.5 × 20	230		12.5 × 20	210				
47	470	12.5 × 20	250		12.5 × 25	250				
56	560	12.5 × 25	270		16 × 20	270				
68	680	16 × 20	290		16 × 25	290				
100	101	16 × 25	300						Case size $\phi$ D × L (mm)	Rated ripple

Rated ripple current (mA rms) at 150°C 120Hz

### ● Frequency coefficient of rated ripple current

V	Cap. ( $\mu$ F)	Frequency					
		50Hz	120Hz	300Hz	1kHz	10kHz	100kHz or more
160 to 400	4.7 to 33	0.75	1.00	1.25	1.50	1.75	1.80
	47 to 100	0.80	1.00	1.15	1.30	1.40	1.50