

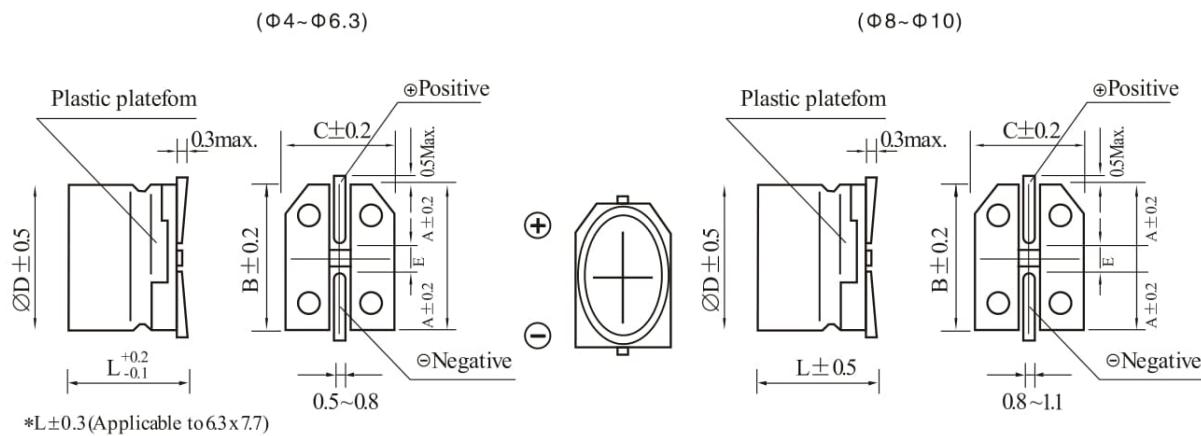
VSS SERIES CHIP TYPE +85°C(標準品)

- For general purpose, -40°C to +85°C.
 - Case diameter: Φ 4mm ~ Φ 10mm
 - Reflow soldering is available
 - Available for high density surface mounting

◆ SPECIFICATIONS

VSS SERIES CHIP TYPE +85°C(標準品)

◆ Dimensions



$\varnothing D \times L$	4×5.4	5×5.4	6.3×5.4	6.3×7.7	8×10.5	10×10.5
A	1.8	2.1	2.4	2.4	2.9	3.2
B	4.3	5.3	6.6	6.6	8.3	10.3
C	4.3	5.3	6.6	6.6	8.3	10.3
E	1	1.3	2.1	2.1	3.1	4.2
L	5.4	5.4	5.4	7.7	10.5	10.5

Nominal capacitance, rated voltage, rated ripple current and case size table

Voltage	4V		6.3V		10V		16V		
	Cap(μF)	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
10							4*5.4		23
22			4*5.4	28	4*5.4	30	4*5.4		30
					5*5.4	33	5*5.4		37
33	4*5.4	28	4*5.4	34	4*5.4	34	5*5.4		44
			5*5.4	37	5*5.4	41	6.3*5.4		49
47	4*5.4	33	4*5.4	40	5*5.4	47	5*5.4		52
			5*5.4	45	6.3*5.4	52	6.3*5.4		58
56	5*5.4	42	5*5.4	46	5*5.4	50	5*5.4		57
			6.3*5.4	52	6.3*5.4	57	6.3*5.4		63
100	5*5.4	56	5*5.4	47	5*5.4	54	6.3*5.4		86
			6.3*5.4	70	6.3*5.4	76			
150	6.3*5.4	79	6.3*5.4	74	6.3*7.7	85	6.3*7.7		135
220	6.3*5.4	96	6.3*5.4	75	6.3*7.7	150	6.3*7.7		150
			6.3*7.7	95			8*10.2		210
330	6.3*7.7	152	6.3*7.7	150	8*10.2	240	8*10.2		270
			8*10.2	195					
470	6.3*7.7	200	8*10.2	265	8*10.2	290	8*10.2		307
							10*10.2		330
680	8*10.2	284	10*10.2	374	10*10.2	374	10*10.2		390
1000	8*10.2	344	10*10.2	450	10*10.2	450			
1500	10*10.2	347							

Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

Case Size $\varnothing D \times L$ (mm)

VSS SERIES CHIP TYPE +85°C(標準品)

Nominal capacitance,rated voltage, rated ripple current and case size table

Voltage	25V		35V		50V		63V	
Cap(μF)	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1					4*5.4	1	4*5.4	1
0.22					4*5.4	2	4*5.4	2
0.33					4*5.4	3	4*5.4	3
0.47					4*5.4	5	4*5.4	5
1					4*5.4	7	4*5.4	8
2.2					4*5.4	13	4*5.4	12
3.3			4*5.4	16	4*5.4	15	4*5.4	15
4.7	4*5.4	16	4*5.4	18	4*5.4	18	5*5.4	20
					5*5.4	20		
10	4*5.4	24	4*5.4	24	5*5.4	30	6.3*5.4	32
	5*5.4	27	5*5.4	29	6.3*5.4	33		
22	5*5.4	38	5*5.4	39	6.3*5.4	45	6.3*7.7	60
	6.3*5.4	42	6.3*5.4	46				
33	5*5.4	46	6.3*5.4	53	6.3*7.7	75	8*10.2	100
	6.3*5.4	52			6.3*7.7	85	6*7.7	100
47	6.3*5.4	60	6.3*5.4	65	6*7.7	120	8*10.2	130
			6.3*7.7	70	8*10.2	120	8*10.2	130
56	6.3*7.7	65	6.3*7.7	80	8*10.2	150	8*10.2	180
100	6.3*7.7	120	6.3*7.7	120	8*10.2	180	10*10.2	275
			8*10.2	175	10*10.2	195		
150	8*10.2	192	8*10.2	214	10*10.2	238		
220	8*10.2	230	8*10.2	240	10*10.2	289		
	10*10.2	250	10*10.2	265				
330	8*10.2	305	10*10.2	350	10*10.2	390		
	10*10.2	250			10*10.2	390		
470	10*10.2	390						

Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

Case Size ΦD X L (mm)

Voltage	100V	
Cap(μF)	Size	Ripple
3.3	6.3*7.7	25
4.7	6.3*7.7	32
10	6.3*7.7	50
22	8*10.2	120
33	10*10.2	190

Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

Case Size ΦD X L (mm)