

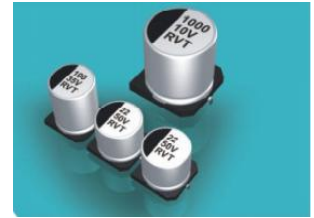
RVT 宽温度标准品

● 105°C, 1000小时品

105°C, 1000hours

● 适用于高密度表面组装和回流焊

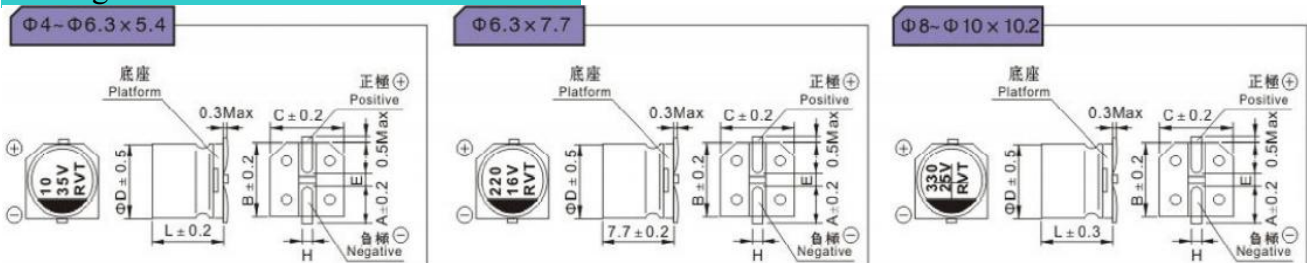
Available for high density surface mounting and reflow soldering



Specifications

Items	Characteristics						
Operating temperature range	-55°C~+105°C						
Rated voltage range	6.3V~100V DC						
Nominal capacitance tolerance	0.47 µF~1500 µF						
Capacitance tolerance	±20% (120Hz·20°C)						
leakage current(20°C)	I ≤ 0.01CV or 3 µA (whichever is greater) after 2 minute						
	I: Leakage current C: Normal capacitance V: Rated voltage						
Dissipation factor (120Hz·20°C)	Rated voltage(V)	6.3	10	16	25	35	50~100
	tgδ(MAX)	0.30	0.24	0.20	0.18	0.16	0.14
When capacitance is more than 1000 µF, tg δ will add 0.02 per 1000 µF addition.							
Low temperature characteristics (Impedance ratio max. at 120Hz)	Rated voltage(v)	6.3	10	16	25	35~63	100
	Z-25°C/Z+20°C	4	3	2	2	2	3
	Z-40°C/Z+20°C	10	8	6	4	3	4
Load Life	After applying rated for 1000 hours						
	at 105°C then resumed 16 hours:						
	Capacitance change	Within ±30% of the initial measured value					
	tgδ	≤ 300% of the initial specified value					
Shelf Life	After storage for 1000 hours at 105°C then resumed 16 hours:						
	Capacitance change	Within ±30% of the initial measured value					
	tgδ	≤ 300% of the initial specified value					
	Leakage current	≤ 200% of the initial specified value					

Diagram of Dimensions



ΦD	A	B	C	E	L	H
4.0	1.8	4.3	4.3	1.0	5.4	0.5~0.8
5.0	2.1	5.3	5.3	1.3	5.4	0.5~0.8
6.3	2.4	6.6	6.6	2.1	5.4	0.5~0.8
6.3	2.4	6.6	6.6	2.1	7.7	0.5~0.8
8.0	2.9	8.3	8.3	3.1	6.5	0.5~0.8
8.0	2.9	8.3	8.3	3.1	10.3	0.8~1.1
10.0	3.2	10.3	10.3	4.2	10.3	0.8~1.1

Multiplier for Ripple Current vs. Frequency:

Temperature °C	50	120	300	1K	≥10K
Factor	0.70	1.00	1.17	1.36	1.50

