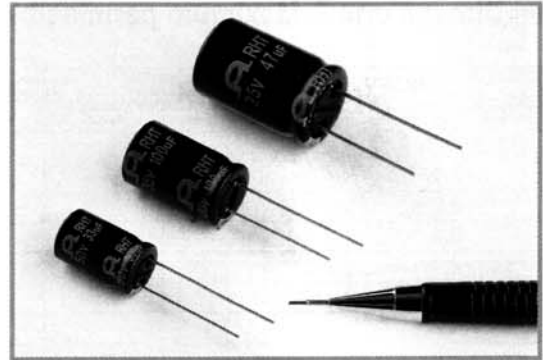


RHT SERIES

130°C, Long life, Radial Leads

Features

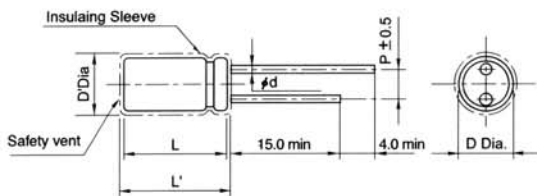
- Wide operating temperature range
- High reliability
- Load life of 2000 hours at 130°C



Specifications

Item	Performance Characteristics					
Operating temperature range	-40°C ~ +130°C					
Rated working voltage range	10V ~ 50V					
Nominal capacitance range	1 μ F ~ 2200 μ F, \pm 20% (at 20°C, 120Hz)					
D.C Leakage current(at 20°C)	The following specifications shall be satisfied when the rated voltage is applied for the required time. $I \leq 0.01CV$ or $3\mu A$ (2 min), whichever is greater Where I =Leakage current(μA) C=Nominal capacitance(μF) V=Rated voltage(V)					
Tan δ (max., at 20°C, 120Hz)	W.V(V)	10	16	25	35	50
	Tan δ	0.20	0.16	0.14	0.12	0.10
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	10	16	25	35	50
	Z-25°C/Z20°C	3	2	2	2	2
	Z-40°C/Z20°C	6	4	3	3	3
Load life	After applying rated working voltage for 2000 hours at +130°C and then being stabilized at +20°C, capacitors shall meet following limits.					
	Capacitance change	Within \pm 30% of the initial measured value				
	Tan δ	\leq 300% of the initial specified value				
	Leakage current	\leq The initial specified value				
Shelf life	After storage for 1000 hours at +130°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.					
	Capacitance change	Within \pm 30% of the initial measured value				
	Tan δ	\leq 300% of the initial specified value				
	Leakage current	\leq 200% of the initial specified value				

Dimensions



• Standard lead style

ϕD	8.0	10.0	12.5
p	3.5	5.0	
ϕd	0.6		

$D' = [D+0.5]Max.$

$L' = [L+1.0]Max.$ at $D \leq 8.0$

$L' = [L+1.5]Max.$ at $D \geq 10.0$

RHT SERIES

▣ Dimensions & Maximum permissible ripple current

 ϕ D x L(mm)

Cap(μ F)	W.V(V)	10(1A)		16(1C)		25(1E)		35(1V)		50(1H)	
		SIZE	I _R	SIZE	I _R	SIZE	I _R	SIZE	I _R	SIZE	I _R
1.0										8x11.5	13
2.2										8x11.5	18
3.3										8x11.5	25
4.7										8x11.5	35
10										8x11.5	90
22										8x11.5	120
33										8x11.5	135
47										8x11.5	180
100								8x11.5	220	10x12.5	310
220						8x11.5	220	10x12.5	370	10x20	530
330		8x11.5	220	8x11.5	220	10x12.5	370	10x16	480	12.5x20	600
470		10x12.5	400	10x12.5	400	10x16	520	10x20	620	12.5x25	780
1000		10x20	620	10x20	620	12.5x20	720	12.5x25	930		
2200		12.5x25	1070	12.5x25	1070						

 I_R = Max. permissible ripple current[mA(rms) at 130°C, 120Hz]