

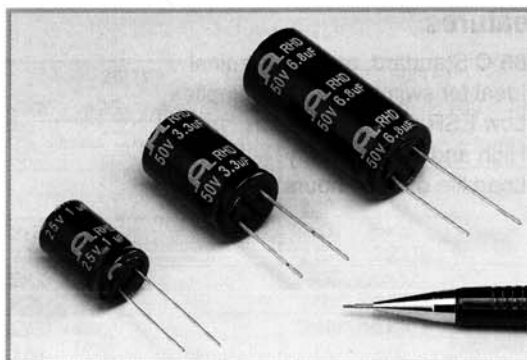


RHD SERIES

Horizontal Deflection Correction, Radial Leads

Features

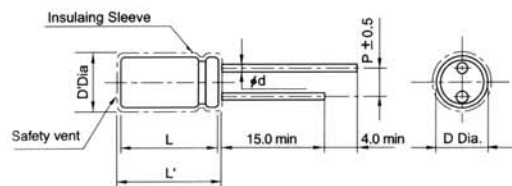
- For horizontal deflection correction circuit
- Large permissible ripple current
- High and stable quality
- Load life of 1000 hours at 70°C



Specifications

Item	Performance Characteristics
Operating temperature range	-25°C ~ +85°C
Rated working voltage range	25V, 50V
Nominal capacitance range	1.0μF ~ 10μF, ±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. $I \leq 100\mu A(5 \text{ min})$
Tan δ (max., at 20°C, 120Hz)	0.05 Max
Load life	After applying DC12V on which the specified allowable ripple current is superimposed for 1000hours at 70°C and then being stabilized at +20°C, capacitors shall meet following limits.
Capacitance change	Within ± 15% of the initial measured value
Tan δ	≤ 200% of the initial specified value
Leakage current	≤ The initial specified value
Shelf life	After storage for 500 hours at +85°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.
Capacitance change	Within ± 15% of the initial measured value
Tan δ	≤ 200% of the initial specified value
Leakage current	≤ 200% of the initial specified value

Dimensions



Standard lead style

φD	12.5	16.0	18.0
p	5.0	7.5	
φd	0.6	0.8	

D' = [D+0.5]Max.

L' = [L+1.5]Max.

Dimensions & Maximum permissible ripple current

φ D x L(mm)

Cap(μF)	W.V(V)	25(1E)		50(1H)	
		SIZE	I _r	SIZE	I _r
1.0		12.5 x 20	1.8	12.5 x 20	1.8
1.5		12.5 x 20	2.4	12.5 x 20	2.4
2.2		12.5 x 25	3.3	12.5 x 25	3.3
3.3		16 x 25	4.5	16 x 25	4.5
4.7		16 x 31.5	6.0	16 x 31.5	6.0
5.6		16 x 35.5	7.5	16 x 35.5	7.5
6.8		16 x 35.5	8.0	16 x 35.5	8.0
8.2		18 x 35.5	9.0	18 x 35.5	9.0
10		18 x 40	10.0	18 x 40	10.0

I_r: Maximum permissible ripple current[A(p-p) at 70°C, 15.75KHz]

Bi-polar