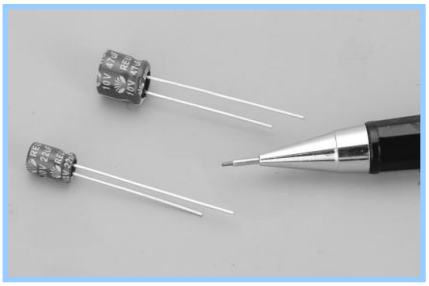
REU SERIES

105℃, 5mm Height, Radial Leads

▣ Features

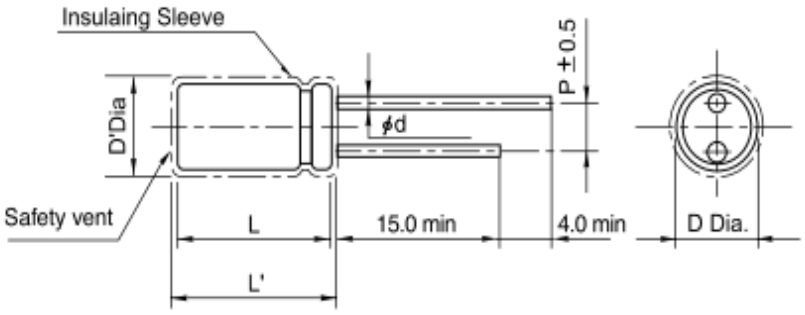
- **5mm Height, Radial**
- **Wide temperature range**
- **Automatic insertion is available**
- **Load life of 2,000 hours at 105℃**



▣ Specifications

Item	Performance Characteristics							
Operating temperature range	-40℃ ~ +105℃							
Rated working voltage range	4V ~ 50V							
Nominal capacitance range	0.1 μF ~ 100 μF , ±20% (at 20℃, 120Hz)							
D.C Leakage current(at 20℃)	The following specifications shall be satisfied when the rated voltage is applied for the required time							
	I ≤ 0.01CV or 3μA (2min), whichever is greater.							
	Where I = Leakage current(μA) C = Nominal capacitance(μF) V = Rated voltage (V)							
Tan δ (max., at 20℃, 120Hz)	W.V	4.0	6.3	10	16	25	35	50
	Tan δ	0.35	0.26	0.22	0.19	0.15	0.13	0.10
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	4.0	6.3	10.0	16	25	35	50
	Z-25℃/Z+20℃	6	4	4	3	2	2	2
	Z-40℃/Z+20℃	12	9	7	5	3	3	3
Load life	After applying rated working voltage for 2,000 hours at +105℃ and then listed being stabilized at +20℃, capacitors shall meet following limits.							
	Capacitance change	Within ±25% of the initial measured value						
	Tan δ	≤ 200% of the initial specified value						
	Leakage current	≤ The initial specified value						
Shelf life	After storage for 1,000hours at + 105℃ with no voltage applied and then being stabilized at +20℃, capacitors shall meet following limits.							
	Capacitance change	Within ±25% of the initial measured value						
	Tan δ	≤ 200% of the initial specified value						
	Leakage current	≤ The initial specified value						

▣ Dimensions



· Standard lead style

Φ D	4.0	5.0	6.3
P	1.5	2.0	2.5
Φ d	0.45		

D′ = [D+0.5] Max. L′ = [L+1.5] Max.

REU SERIES

▣ Dimensions & Maximum permissible ripple current

μF \ V	4	6.3	10	16	25	35	50
0.10							4 x 5 2.0
0.15							4 x 5 2.4
0.22							4 x 5 3.2
0.33							4 x 5 3.7
0.47							4 x 5 4.8
0.68							4 x 5 5.0
1.0							4 x 5 6.7
1.5							4 x 5 8.9
2.2							4 x 5 10
3.3						4 x 5 10	4 x 5 14
4.7					4 x 5 16	4 x 5 15	5 x 5 18
6.8			4 x 5 12	4 x 5 14	4 x 5 18	5 x 5 21	5 x 5 24
10		4 x 5 15	4 x 5 16	4 x 5 17	5 x 5 23	5 x 5 26	6.3 x 5 31
15	4 x 5 16	4 x 5 19	4 x 5 22	5 x 5 25	5 x 5 30	6.3 x 5 36	6.3 x 5 38
22	4 x 5 21	4 x 5 22	5 x 5 28	5 x 5 32	6.3 x 5 36	6.3 x 5 44	
33	4 x 5 27	4 x 5 30	5 x 5 33	6.3 x 5 38	6.3 x 5 45		
47	4 x 5 33	5 x 5 38	6.3 x 5 45	6.3 x 5 50			
68	5 x 5 42	6.3 x 5 50	6.3 x 5 55				
100	5 x 5 52	6.3 x 5 62	Case size : ΦD x L(mm) Maximum permissible ripple current[mA(rms) at 105℃, 120㎐]				