SL series

+85℃,5mmL(高),Standard(标准品)

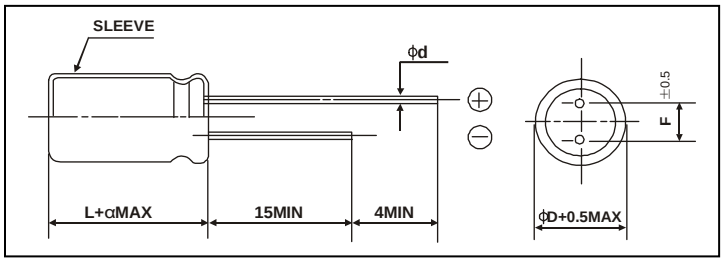
◆ FEATURES

- Designed for space-saving and high density insertion.
- Low price compared to tantulum capacitor.
- Application:VTR,camera,car audiou,mini-audio set,OA related equipment and other Industrial and commercial applications.

◆ SPECIFICATIONS

Items	Characteristics
Category Temperature Rance	-40~+85℃
Rated Voltage Range	6.3~50V.DC
Nominal Capacitance Rance	0.1~330μF
Capacitance Tolerance	±20%(120Hz,+20℃)
Leakage Current(MAX)	I=0.01CV or 3(uA) after 2 minutes whichever is greater measured with rated working voltage at 20℃
Dissipation Factor(MAX) Tanδ (20℃,120Hz)	Rated Voltage(V) 6.3 10 16 25 35 50 Tanδ 0.24 0.20 0.16 0.14 0.12 0.10
Load Life	After applying rated voltage with max ripple current for 1000 hrs at 85℃,the capacitors shall meet the following requirements Capacitance Change: Within ±20% of the initial value Dissipation Factor: Not more than 200% of the specified value Leakage Current: Not more than the specified value
Shelf Life	After Leaving capacitors under no load at 85℃ for 1000hrs,they meet the characteristic requirements listed at right Capacitance change: Within ±20% of the initial value Tanδ: ≤200% of initial specified value Leakage current: ≤200% of initial specified value
Low Temperature Stability Impedance Rate(MAX)	Rated Voltage(V) 6.3 10 16 25 35 50 Z-25℃/Z+20℃ 4 3 2 2 2 2 Z-40℃/Z+20℃ 8 6 4 4 3 3
Other	JISC-5141 EIAJ RC-2372

◆ CASE SIZE TABLE



ΦD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
Φd	0.45			
α	1.0			

◆ RIPPLE CURRENT MULTIPLIER

Cap(μF)	Frequency(Hz)				
	50	120	300	1K	10K~
≤47	0.75	1.0	1.35	1.57	2.0
56~330	0.8	1.0	1.23	1.34	1.5

◆ STANDARD RATINGS

size:ΦD×L(mm)

Cap(μF) \ Voltage / Code	Code	6.3V		10V		16V		25V		35V		50V	
		OJ		1A		1C		1E		1V		1H	
0.1	104											4×5	1.0
0.22	224											4×5	2.6
0.33	334											4×5	3.2
0.47	474											4×5	3.8
1.0	105											4×5	6.2
2.2	225											4×5	11
3.3	335											4×5	14
4.7	475											4×5	19
10	106					4×5	23	4×5	20	5×5	25	6.3×5	30
22	226	4×5	22	4×5	27	5×5	37	5×5	39	6.3×5	48	8×5	52
33	336	4×5 5×5	26 30	5×5	35	5×5 6.3×5	46 52	6.3×5	45	8×5	62		
47	476	4×5 5×5	30 36	5×5	46	6.3×5	58	6.3×5 8×5	58 70	8×5	80		
100	107	5×5 6.3×5	46 60	6.3×5	80	6.3×5 8×5	86 105	8×5	110				
220	227	6.3×5 8×5	80 110	8×5	135	8×5	135						
330	337	8×5	145										

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