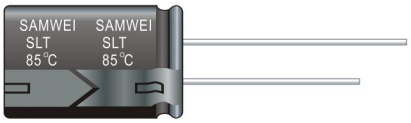
SLT SERIES (time circuit use計時回路用)

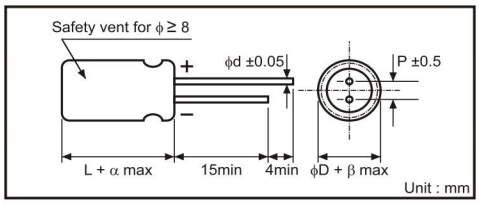


- Ideadly suited for time circuits.
- Excellent leakage current stability,even subjected to load or no load at high temperature for a long time.

◆ SPECIFICATIONS

Item	Performance Characteristics
Operating temperature range	-40 to +85℃
Rated Working Voltage Range	10 to 50V
Nominal Capacitance Range	1 to 470μF
Capacitance Tolerance	±20(120Hz,+20℃)
Leakage Current	I= 0.001CV+1(μA) or less after 2minutes whichever is greater measured with rated working voltage applied at +20 ℃
Dissipation Factor tan δ(120Hz,+20℃)	Working Voltage(V): 10 / 16 / 25 / 50 — tan δ(max): 0.17 / 0.13 / 0.10 / 0.08
Low Temperature Characteristics	Impedance ratio max at 120Hz — Working Voltage(V): 10 / 16 / 25 / 50 — Z-25℃/Z+20℃: 2 / 2 / 1.5 / 1.5 — Z-40℃/Z+20℃: 4 / 3 / 2 / 2
High Temperature Loading	Test conditions — Duration : 2000 hours — Ambient temp : +85℃ — Applied vlotage:Rated DC working voltage Post test requirements at +20℃ — Leakage current :≤Initial specified value — Cap . Change :≤ ±10%of Initial measured value — tan δ :≤150% of Initial specified value
Shelf Life	Test conditions — Duration : 1000 hours — Ambient temp : +85℃ — Applied vlotage:(None) Post test requirements at +20℃ — Leakage current :≤Initial specified value — Cap . Change :≤ ±10%of Initial measured value — tan δ :≤150% of Initial specified value

◆ CASE SIZE TABLE



ΦD	5	6.3	8	10	12.5	16
P	2.0	2.5	3.5	5.0	5.0	7.5
Φd	0.5	0.5	0.5	0.6	0.6	0.8
α	(L＜20)1.5 (L≥20)2.0					
β	(D＜20)0.5 (D≥20)1.0					

◆ DIMENSIONS

Voltage / Cap(μF)	10V Size	16V Size	25V Size	50V Size				
1				6.3*11				
2.2				6.3*11				
3.3			6.3*11	6.3*11				
4.7			6.3*11	8*12				
10		6.3*11	8*12	10*12.5				
22	6.3*11	8*12	10*12.5	10*16				
33	8*12	10*12.5	10*16	10*20				
47	8*12	10*12.5	10*16	12.5*20				
100	10*16	10*20	12.5*20	12.5*25				
220	10*20	12.5*25	16*25	16*30				
330	12.5*25	16*25	16*25					
470	12.5*25	16*25	16*30					

Case Size ΦD X L (mm)