

SILMIC series Silk fiber using audio purpose capacitor

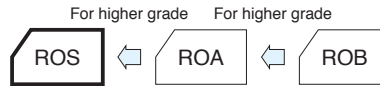
High Grade Capacitors for Audio(SILMIC)

GREEN CAP For audio

- All lead wires oxygen-free copper for extremely low distortion. (Third high frequency distortion 10kHz,0.1A,-120dB or less)
- "SILMIC" mark on sleeve.



Marking color : White print on a brown sleeve

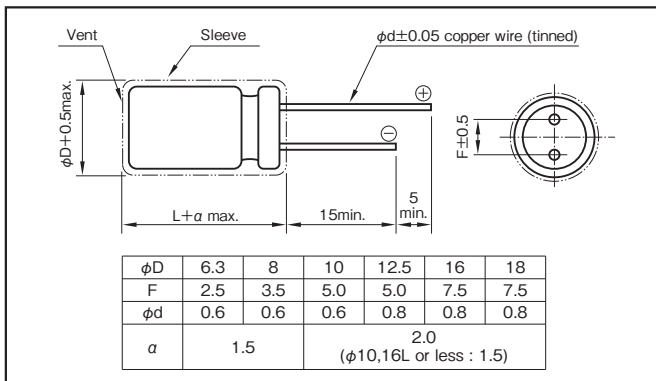


Specifications

Item	Performance						
Category temperature range (°C)	-40 to +85						
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)						
Leakage current (μA)	Less than 0.01CV or 3 whichever is larger (after 5 minutes) C : Rated capacitance (μF) ; V: Rated voltage (V) (20°C)						
Tangent of loss angle (tanδ)	Rated voltage (V)	16	25	35	50	63	100
	tanδ (max.)	0.13	0.10	0.10	0.08	0.08	0.08
0.02 is added to every 1000μF increase over 1000μF (20°C,120Hz)							
Endurance (85°C) (Applied ripple current)	Test time	1000 hours					
	Leakage current	The initial specified value or less					
	Percentage of capacitance change	Within ±20% of initial value					
	Tangent of the loss angle	150% or less of the initial specified value					
Shelf life (85°C)	Test time : 1000 hours. Other have same as endurance. Voltage application treatment						
Applicable standards	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)						

Outline Drawing

Unit : mm



Coefficient of Frequency for Rated Ripple Current

Rated voltage (V)	Frequency (Hz) CV(μF×VV)	50 · 60	120	1k	10k	100k
		16	All CV value	0.80	1	1.1
25 to 35	≤1000	0.80	1	1.5	1.7	1.7
	1000<	0.80	1	1.2	1.3	1.3
50 to 100	≤1000	0.80	1	1.6	1.9	1.9
	1000<	0.80	1	1.2	1.3	1.3

Part numbering system (example : 25V100μF)

ROS	25	V	101	M	H4	#5	—	□
Series code	Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol			Taping (Forming) symbol

Case symbol

Case φD×L (mm)	Casing Symbol	Case φD×L (mm)	Casing Symbol	Case φD×L (mm)	Casing Symbol	Case φD×L (mm)	Casing Symbol
5×11	E3	10×12.5	H3	12.5×20	I5	16×31.5	J7
6.3×11	F3	10×16	H4	12.5×25	I6	16×35.5	J8
8×11.5	G3	10×20	H5	16×25	J6	18×35.5	K8
				18×40			K9

Standard Ratings

Rated voltage (V)	Item	16		25		35		50		63		100	
		Case φD×L (mm)	Rated ripple current (mA _{rms})	Case φD×L (mm)	Rated ripple current (mA _{rms})	Case φD×L (mm)	Rated ripple current (mA _{rms})	Case φD×L (mm)	Rated ripple current (mA _{rms})	Case φD×L (mm)	Rated ripple current (mA _{rms})	Case φD×L (mm)	Rated ripple current (mA _{rms})
2.2	—	—	—	—	—	—	—	—	—	—	—	6.3×11	25
3.3	—	—	—	—	—	—	—	—	—	—	—	8×11.5	35
4.7	—	—	—	—	—	—	—	6.3×11	40	6.3×11	40	10×12.5	60
10	—	—	—	—	—	6.3×11	55	8×11.5	75	8×11.5	75	10×16	95
22	6.3×11	70	6.3×11	80	8×11.5	95	10×12.5	130	10×16	140	10×20	155	
33	6.3×11	90	8×11.5	120	10×12.5	140	10×16	175	10×20	190	12.5×20	220	
47	8×11.5	125	8×11.5	140	10×12.5	170	10×16	210	10×20	225	12.5×25	285	
100	10×12.5	215	10×16	270	10×20	295	12.5×20	380	12.5×25	415	16×25	485	
220	10×20	385	12.5×20	505	12.5×25	550	16×25	720	16×31.5	785	18×40	930	
330	12.5×20	545	12.5×25	675	16×25	785	16×31.5	965	16×35.5	1010	—	—	
470	12.5×25	710	16×25	940	16×31.5	1030	16×35.5	1210	18×35.5	1295	—	—	
1000	16×31.5	1315	16×35.5	1575	18×35.5	1690	18×40	1985	—	—	—	—	
2200	18×40	2150	—	—	—	—	—	—	—	—	—	—	

(Note) Rated ripple current : 85°C, 120Hz.

Aluminum Electrolytic Capacitors for Audio

NOTE

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.