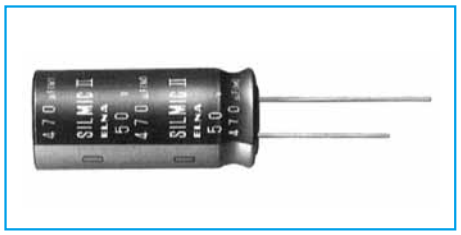
■ SILMIC series Silk fiber using audio purpose capacitor

- ELNA developed new raw material for the separate paper which use a silk fibers. Therefore, this capacitor can give you high grade sound for your audio design.
- Due to the silk fiber's pliability, the capacitor makes a dream of the high quality sound.

For examples ;

- To relieve the music's vibration energy.
- To decrease the peak feeling sound at high compass and rough quality sound at middle compass.
- To increase massive sound at low compass.
- For bipolar capacitors, consult with us.



Marking color : White print on a brown sleeve

Miniature High Grade Capacitors for Audio(SILMIC II)

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 II" mark on sleeve.

For higher grade ⇦ For higher grade ⇦ For higher grade

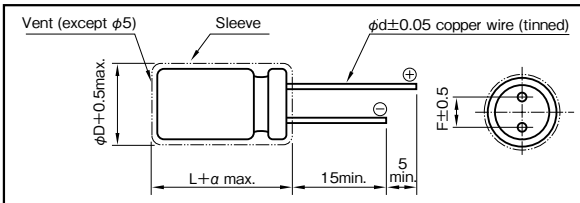
RFS ⇦ ROS ⇦ ROA ⇦ ROB

Specifications

Item	Performance
Category temperature range (℃)	−40 to +85
Tolerance at rated capacitance (%)	±20 (20℃,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℃)
Tangent of loss angle (tanδ)	Rated voltage (V): 6.3 / 10 / 16 / 25 / 35 / 50 / 63 / 100 tanδ (max.): 0.20 / 0.17 / 0.13 / 0.10 / 0.10 / 0.08 / 0.08 / 0.08 0.02 is added to every 1000μF increase over 1000μF (20℃,120Hz)
Endurance (85℃) (Applied ripple current)	Test time: 1000 hours (with the polarity inverted every 250 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℃)	Test time : 1000 hours. Other have same as endurance. Voltage application treatment : According to JIS C5101 -1
Applicable standards	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)

Outline Drawing

Unit : mm



φD	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.6	0.6	0.6	0.6	0.6	0.8	0.8
α	1.5			2.0 (φ10,16L or less : 1.5)			

Coefficient of Frequency for Rated Ripple Current

Rated voltage (V)	Frequency (Hz) / CV (μF×WV)	50・60	120	1k	10k	100k
6.3 to 16	All CV value	0.8	1	1.1	1.2	1.2
25 to 35	≤1000	0.8	1	1.5	1.7	1.7
	1000<	0.8	1	1.2	1.3	1.3
50 to 100	≤1000	0.8	1	1.6	1.9	1.9
	1000<	0.8	1	1.2	1.3	1.3

Part numbering system (example : 25V100μF)

RFS — 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: Rated capacitance (μF)	6.3 Case φD×L (mm)	6.3 Rated ripple current (mArms)	10 Case φD×L (mm)	10 Rated ripple current (mArms)	16 Case φD×L (mm)	16 Rated ripple current (mArms)	25 Case φD×L (mm)	25 Rated ripple current (mArms)	35 Case φD×L (mm)	35 Rated ripple current (mArms)	50 Case φD×L (mm)	50 Rated ripple current (mArms)	63 Case φD×L (mm)	63 Rated ripple current (mArms)	100 Case φD×L (mm)	100 Rated ripple current (mArms)
2.2	—	—	—	—	—	—	—	—	—	—	5×11	20	5×11	22	5×11	25
											6.3×11	23			6.3×11	30
3.3	—	—	—	—	—	—	—	—	—	—	5×11	25	5×11	30	8×11.5	40
											6.3×11	30				
4.7	—	—	—	—	—	—	5×11	25	5×11	30	5×11	35	5×11	35	10×12.5	60
											6.3×11	40	6.3×11	40		
10	—	—	—	—	5×11	35	5×11	35	5×11	35	8×11.5	75	8×11.5	75	10×16	95
							6.3×11	60	6.3×11	55						
22	—	—	5×11	50	5×11	55	5×11	60	8×11.5	95	10×12.5	130	10×16	140	10×20	155
					6.3×11	70	6.3×11	80								
33	5×11	55	5×11	65	5×11	70	8×11.5	120	10×12.5	140	10×16	175	10×20	190	12.5×20	220
			6.3×11	70	6.3×11	90										
47	5×11	65	5×11	75	8×11.5	125	8×11.5	140	10×12.5	170	10×16	210	10×20	225	12.5×25	285
	6.3×11	80	6.3×11	85												
100	8×11.5	135	8×11.5	145	10×12.5	215	10×16	270	10×20	295	12.5×20	380	12.5×25	415	16×25	485
220	10×12.5	240	10×16	260	10×20	385	12.5×20	505	12.5×25	550	16×25	720	16×31.5	785	18×40	930
330	10×16	290	10×20	350	12.5×20	545	12.5×25	675	16×25	785	16×31.5	965	16×35.5	1010	—	—
470	10×20	390	12.5×20	455	12.5×25	710	16×25	940	16×31.5	1030	16×35.5	1210	18×35.5	1295	—	—
1000	12.5×20	710	16×25	835	16×31.5	1315	16×35.5	1575	18×35.5	1690	18×40	1985	—	—	—	—
2200	—	—	16×35.5	1500	18×40	2150	—	—	—	—	—	—	—	—	—	—
3300	—	—	18×40	1980	—	—	—	—	—	—	—	—	—	—	—	—

(Note) Rated ripple current : 85℃, 120Hz

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Aluminum Electrolytic Capacitors - Leaded ***category:***

Click to view products by Elna ***manufacturer:***

Other Similar products are found below :

LXY50VB4.7M-5X11 MAL203125221E3 MAL204216159E3 RBC-25V-10UF-4X7 RE3-35V222MJ6# RFO-100V471MJ7P# B41041A2687M8 B41041A7226M8 B41044A7157M6 EKRG250ELL100MD07D EKXG201EC3101ML20S EKZM160ETD471MHB5D EPA-201ELL151MM25S NCD681K10KVY5PF NRLF103M25V35X20F KM4700/16 KME50VB100M-8X11.5 SG220M1CSA-0407 ES5107M016AE1DA ESMG160ETD102MJ16S ESX472M16B MAL211929479E3 40D506F050DF5A TE1202E 36DA273F050BB2A KME25VB100M-6.3X11 052687X EKMA500ELL4R7ME07D NRE-S560M16V6.3X7TBSTF ERZA630VHN182UP54N MAL214099813E3 MAL211990518E3 MAL204281229E3 NEV680M35EF 686KXM050M ERS1VM222L30OT EGW2GM150W16OT EGS2GM6R8G12OC EHS2GM220W20OT ERF1VM222L30OT ERF1KM151G20OT RGA221M1HBK-1016G NXH 35V1800 16x20 EWH2DM471M40OT LKFB41E470MF LKMJ3551H332MF LKMJ2002E151MF LKMJ2502G820MF LKML3502A331MF LKMB0901J180MF