

# **CERAFINE SERIES**

## **Fine ceramic adopted electrolytic capacitors for audio by ELNA**

- **GENERAL INFORMATION**

Type	: Polarized Electrolytic Capacitor.
Dielectric	: Aluminum Oxide on Anode Foil.
Construction	: Round Tubular Type Metal Can, Radial Leads.
Coating	: Wine Red Vinyl Tube Wrapped.
Electrodes	: Paper with Super Fine Ceramic Particles & Electrolyte on Cathode Foil.
Leads	: Tinned Pure Copper.

- **TECHNICAL DATA**

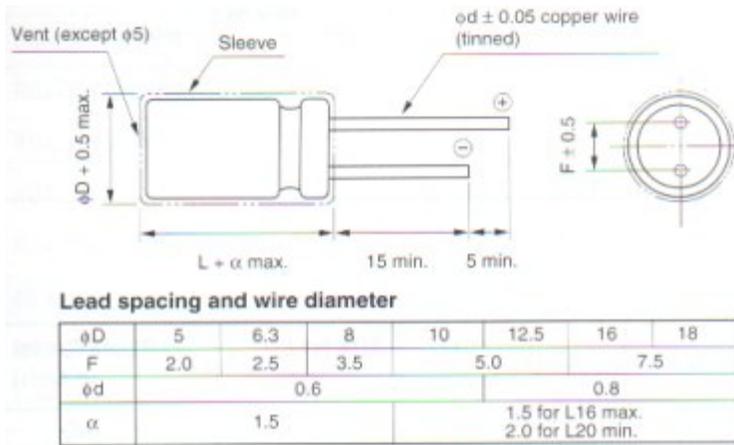
Capacitance Range	: 0.47 ... 220 $\mu$ F, , $\pm$ 20 %. (see specifications for details)
Dielectric Constant	: 7K, polar dielectric.
Dielectric Absorption Factor	: Less than 5 % @ 20° C.
Equivalent Series Resistance	: Low (see specifications for details)
Self Inductance	: Low
Dissipation Factor	: Low (see specifications for details)
Temperature Range	: -40° C to +85° C.
Test Voltage	: 1.5 x Vr for 2 sec.
Rated Voltage	: 100 VDC.
Leads Diameter	: 0.6, 0.8 mm. (see specifications for details)

- **FEATURE**

True Audio Reproduction by the suppression of electrical noise due to external vibration  
Low Loss.  
Good Current Capacity.  
High Frequency and Temperature Stability.  
Good Long Term Mechanical Reliability

- **ELECTRICAL PERFORMANCE**

Low Dielectric Absorption Factor.  
Low Equivalent Series Resistance  
Low Self Inductance.  
Low Dissipation Factor.  
High Insulation Resistance.



Dissipation Factor (%) +20%  
 Dimensions (mm)+10%

ROA 100Vdc

P/N	Capacitance/DF	D x L
ROA047	.47 mfd .03	5 x 11
ROA100	1.0 mfd .03	5 x 11
ROA220	2.2 mfd .03	6 x 11
ROA330	3.3 mfd .03	8 x 12
ROA470	4.7 mfd .03	8 x 12
ROA1000	10 mfd .03	10 x 13
ROA2200	22 mfd .03	10 x 20
ROA3300	33 mfd .03	13 x 20
ROA4700	47 mfd .03	13 x 25
ROA10000	100 mfd .03	16 x 25
ROA22000	220 mfd .03	18 x 40