

EX SERIES

electrolytic capacitors for audio

by UCC

- **GENERAL INFORMATION**

Type	: Polarized Electrolytic Capacitor.
Dielectric	: Aluminum Oxide on Anode Foil.
Construction	: Round Tubular Type Metal Can, Radial Leads.
Coating	: Black Vinyl Tube Wrapped.
Electrodes	: Paper Electrolyte on Cathode Foil.
Leads	: Tinned Pure Copper.

- **TECHNICAL DATA**

Capacitance Range	: 0.22 ... 1000 μ 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	: -55° C to +105° C.
Test Voltage	: 1.5 x Vr for 2 sec.
Rated Voltage	: 63 VDC.
Leads Diameter	: +0.5mm. (see specifications for details)

- **FEATURE**

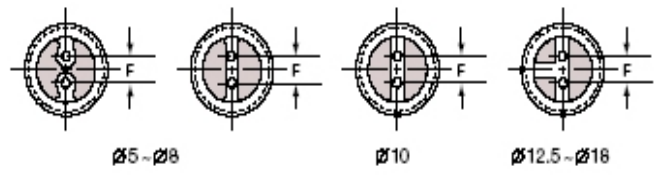
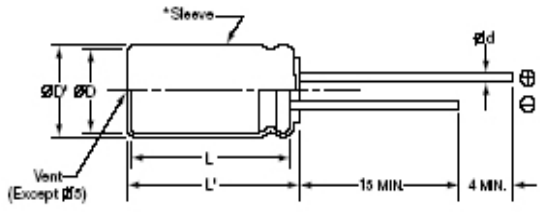
True Audio Reproduction by the suppression of electrical noise due to external vibration
Low Loss.
Good Current Capacity.
High Frequency and Temperature Stability.
Extra Long Term Mechanical Reliability.
Withstand HCFC solvent for 5min.
Very Large Temperature range.

- **ELECTRICAL PERFORMANCE**

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

VB/Radial Lead

Unit: mm



*PET sleeve for 125°C applications.

Gas escape end seal for all case diameters.

For optional lead configurations and tape and ammo packaging, refer to the beginning of the Miniature section.

øD	øD' max.	L' max.	ød	F ±0.5
5	øD+0.5	L+2.0	0.5	2.0
6.3	øD+0.5	L+2.0	0.5	2.5
8	øD+0.5	L+2.0	0.6	3.5
10, 12.5	øD+0.5	L+2.0	0.6	5.0
16, 18	øD+0.5	L+2.0	0.6	7.5

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

EX 63Vdc

P/N	Capacitance/DF	D x L
EX63VBR22	.22 mfd .03	5 x 11
EX63VBR33	.33 mfd .03	5 x 11
EX63VB2R2	2.2 mfd .03	5 x 11
EX63VB3R3	3.3 mfd .03	5 x 11
EX63VB4R7	4.7 mfd .03	5 x 11
EX63VB10R	10 mfd .03	5 x 11
EX63VB22R	22 mfd .03	6 x 11
EX63VB33R	33 mfd .03	6 x 11
EX63VB47R	47 mfd .03	8 x 11
EX63VB101	100 mfd .03	10 x 12
EX63VB221	220 mfd .03	10 x 20
EX63VB331	330 mfd .03	12 x 20
EX63VB471	470 mfd .03	16 x 25
EX63VB102	1000 mfd .03	16 x 31