



SELECTRONIC Kondensatoren

GAD-viva Audio-cap

High-quality audio capacitors

In collaboration with our customer, we have developed and produced audio capacitors for highest demands. Our extensive experience in capacitor production and strict quality control in our company guarantee that our GAD-viva Audio-cap are meeting the highest demand on quality.

Through prolonging series of tests, we have been successful in developing an impregnate eliminating to the highest possible extent vibration in the metallised film. The oil composition guarantees that the GAD-viva Audio-cap capacitors are particularly suitable for audio applications.

The highest technical standard and production experience are indispensable for the production of Audio-Cap Silver/Gold/Teflon. Due to its special physical characteristics, teflon film needs very close tolerance of manufacturing which can only be achieved at very few product types. Furthermore, the metallization technology puts high demands on the state-of-the-art technology related experience. Because of the elasticity and extensibility of the teflon, the winding of the capacitors poses a top technical challenge.

For the lowest possible resistance, all GAD-viva Audio-capacitors are contacted at the front ends with a special material and they have silver-coated copper-wire connections.

We produce the following production series of GAD-viva Audio-capacitors:

GAD-viva Audio-cap Silver/Gold-Teflon

Self healing metallised plastic film capacitors built in black plastic tube, with synthetic resin sealing, axial connections of silver-coated copper wire.

Dielectric: Teflon
Metallization: Silver 97% Gold 3%
Capacitance: 22nF up to 0,47 μ F
Tolerance: +/-5%
Nominal voltage: 630 VDC/400 VAC

Dimensions on request

GAD-viva Audio-cap Silver/Gold/Oil

Self healing metallised plastic film capacitors built in black plastic tube, Oil impregnated, with synthetic resin sealing, axial connections of silver-coated copper wire.

Dielectric: Polypropylene
Metallization: Silver 97% Gold 3%
Capacitance: 0,01 μ F up to 10 μ F
Tolerance: +/-2%
Nominal voltage: 400 VAC/630 VDC up to 800 VAC/1200 VDC

Dimensions on request



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GAD-vivaAudio-cap Silver/Gold

Self healing metallised plastic film capacitors built in black plastic tube, with synthetic resin sealing, axial connections of silver-coated copper wire.

Dielectric:	Polypropylene
Metallization:	Silver 97% Gold 3%
Capacitance:	0,01 μ F up to 10 μ F
Tolerance:	+/-2%
Nominal voltage:	400 VAC/630 VDC up to 800 VAC/1200 VDC

Dimensions on request

GAD-viva Audio-cap Silver

Self healing metallised plastic film capacitors built in black plastic tube, with synthetic resin sealing, axial connections of silver-coated copper wire.

Dielectric:	Polypropylene
Metallization:	Silver
Capacitance:	0,01 μ F up to 10 μ F
Tolerance:	+/-2%
Nominal voltage:	400 VAC/630 VDC up to 800 VAC/1200 VDC

Dimensions on request

GAD-viva Audio-cap Silver/Oil

Self healing metallised plastic film capacitors built in black plastic tube, Oil impregnated, with synthetic resin sealing, axial connections of silver-coated copper wire.

Dielectric:	Polypropylene
Metallization:	Silver
Capacitance:	0,01 μ F up to 10 μ F
Tolerance:	+/-2%
Nominal voltage:	400 VAC/630 VDC up to 800 VAC/1200 VDC

Dimensions on request



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GAD-viva Audio-cap PP

TECHNICAL SPECIFICATION

Dielectric:	Polypropylene
Coatings:	Zinc metallised
Casing:	Polyester film, synthetic resin sealing
Application class:	HPF according to DIN 40040
Temperature range:	-25 °C to +85 °C
Insulating values:	approx. 20.000 sec. ($M\Omega \cdot \mu F$) measured with 100 V at +20 °C after 1 min.
Loss factor $\tan\delta$:	1 kHz 10 kHz < $1 \cdot 10^{-3}$ < $5 \cdot 10^{-3}$
Tolerance:	$\pm 3 \%$
Impulse loading:	$\leq 1 \mu F - 100 V/\mu s$; $> 1 \mu F - 50 V/\mu s$;
Connections:	tin-plated copper wires/stranded wire/insulated wire
Special feature:	extremely low internal resistance

U_N	250 V AC 400 V DC	400 V AC 630 V DC
Cap. μF	Dimensions: BxHxL (mm)	
0,01		12 x 19
0,1		13 x 19
0,22	10 x 19	14 x 27
0,33	11 x 19	12 x 27
0,47	12 x 19	14 x 27
0,68	12 x 27	16 x 27
1,0	12 x 33	19 x 27
1,5	15 x 33	17 x 33
2,2	17 x 33	20 x 33
3,3	20 x 33	24 x 33
4,7	20 x 43	26 x 38
6,8	25 x 43	29 x 43
10	29 x 43	35 x 43
15	29 x 46	31 x 50
22	35 x 46	38 x 50
33	37 x 60	43 x 72
47	42 x 60	52 x 72
100	49 x 66	

GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!