



Axial terminals

Bipolar construction

Plain foil

For crossover networks

RoHS compliant
REACH compliant

Features

- All contacts welded
- Bipolar

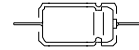
Applications

- HiFi
- Consumer

Different case sizes, voltages and capacitance combinations are available on request. Also in small lots.

General specifications

| Items | | Characteristics |
|--|-------------------|--|
| Rated capacitance range C_R | | 1... 200 μF @ 1 kHz |
| Capacitance tolerance | | $\pm 10\%$; $\pm 5\%$ on request |
| U_R bipolar (rated voltage DC) | | 35 V dc @ 23 V ac 50 V dc @ 35 V ac 70 V dc @ 50 V ac |
| Max. peak voltage (AC) | | May not exceed rated voltage (DC) |
| Category temperature range | | - 40 °C ... + 85 °C |
| Useful life | > 5000 h @ 85 °C | Requirements $\Delta C/C \leq 30\%$ of initial value $ESR \leq 300\%$ of specified limit $I_L \leq$ specified limit |
| | > 1000 h @ 105 °C | |
| Endurance test | 100 000 h @ 40 °C | Requirements $\Delta C/C \leq 20\%$ of initial value $ESR \leq 130\%$ of specified limit $I_L \leq$ specified limit |
| | | |
| Climatic category IEC 60068 | | 40/085/56 |
| Voltage proof of the external insulation | | $D \leq 25$ mm: ≥ 1000 V AC $D > 25$ mm: ≥ 2500 V AC |
| \varnothing leads | | Up to 25 mm \varnothing : 0,8 mm ; more than 25 mm \varnothing : 1,0 mm |



Electrical data and ordering code for series A

| Rated voltage U_R [V] | Rated capacitance (other values available on request) C_R [μF] | Case size D x L [mm] | Order code ATBIG... |
|-----------------------------------|---|-----------------------------|----------------------------|
| 23 Vac @ 50 Hz | 1,0 | 10x20 | 1,002310020 |
| | 2,2 | 10x30 | 2,202310030 |
| | 3,3 | 10x30 | 3,302310030 |
| | 4,7 | 10x30 | 4,702310030 |
| | 6,8 | 10x30 | 6,802310030 |
| | 10 | 10x30 | 10002310030 |
| | 15 | 14x37 | 15002314037 |
| | 22 | 14x37 | 22002314037 |
| | 33 | 18x39 | 33002318039 |
| | 47 | 21x36 | 47002321036 |
| | 68 | 25x36 | 68002325036 |
| | 100 | 25x36 | 10102325036 |
| | 120 | 25x49 | 12102325049 |
| | 150 | 25x49 | 15102325049 |
| 200 | 30x49 | 20102330049 | |
| 35 Vac @ 50 Hz | 1,0 | 10x20 | 1,003510020 |
| | 2,2 | 10x30 | 2,203510030 |
| | 3,3 | 10x30 | 3,303510030 |
| | 4,7 | 12x30 | 4,703512030 |
| | 6,8 | 12x30 | 6,803512030 |
| | 10 | 14x37 | 10003514037 |
| | 15 | 16x39 | 15003516039 |
| | 22 | 18x39 | 22003518039 |
| | 33 | 25x36 | 33003525036 |
| | 47 | 25x36 | 47003525036 |
| | 68 | 25x49 | 68003525049 |
| | 100 | 30x49 | 10103530049 |
| | 120 | 30x49 | 12103530049 |
| | 150 | 35x66 | 15103535066 |
| 200 | 35x66 | 20103535066 | |
| 50 Vac @ 50 Hz | 1 | 10x25 | 1,005010025 |
| | 2,2 | 10x30 | 2,205010030 |
| | 3,3 | 10x30 | 3,305010030 |
| | 4,7 | 12x30 | 4,705012030 |
| | 6,8 | 14x30 | 6,805014030 |
| | 10 | 14x37 | 10005014037 |
| | 15 | 18x39 | 15005018039 |
| | 22 | 25x36 | 22005025036 |
| | 33 | 25x36 | 33005025036 |
| | 47 | 25x49 | 47005025049 |
| | 68 | 30x49 | 68005030049 |
| 100 | 35x49 | 10105035049 | |