



**Axial terminals**

**Bipolar construction**

**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... 100 $\mu\text{F}$ @ 1 kHz
Capacitance tolerance		$\pm 20\%$ ; $\pm 10\%$ on request
$U_R$ bipolar (rated voltage DC)		63 V dc @ 23 V ac 100 V dc @ 35 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 > 1000 h @ 105 °C	Requirements $\Delta C/C \leq 30\%$ of initial value $ESR \leq 300\%$ of specified limit $I_L \leq$ specified limit
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: $\geq 1000$ V AC $D > 25$ mm: $\geq 2500$ V AC
$\emptyset$ leads		Up to 25 mm $\emptyset$ : 0,8 mm ; more than 25 mm $\emptyset$ : 1,0 mm



## Electrical data and ordering code for series ATBI

Rated voltage $U_R$ [V]	Rated capacitance (other values available on request) $C_R$ [μF]	Case size D x L [mm]	Order code ATBI...
23 Vac @ 50 Hz	1,0	10x20	1,002310020
	2,2	10x20	2,202310020
	3,3	10x20	3,302310020
	4,7	10x20	4,702310020
	6,8	10x20	6,802310020
	10	10x30	10002310030
	15	10x30	15002310030
	22	12x30	22002312030
	33	12x30	33002312030
	47	14x37	47002314037
	68	16x39	68002316039
	100	18x39	10102318039
	220	25x38	22102325038
	330	25x38	33102325038
	470	25x38	47102325038
	560	25x38	56102325038
680	25x38	68102325038	
880	25x49	88102325049	
1000	25x49	10202325049	
35 Vac @ 50 Hz	1,0	10x20	1,003510020
	2,2	10x30	2,203510030
	3,3	10x30	3,303510030
	4,7	10x30	4,703510030
	6,8	10x30	6,803510030
	10	10x30	10003510030
	15	10x30	15003510030
	22	12x30	22103512030
	33	12x30	33003512030
	47	14x37	47003514037
	68	16x39	68003516039
	100	18x39	10103518039
	220	25x38	2203525038