

BJK16 Series / PPTC



Features

- Radial Leaded Devices
- Cured, flame retardant epoxy polymer insulating material meets UL94V-0 requirements
- RoHS compliant and lead-free environmental specifications

Applications

Almost anywhere there is a low voltage power supply, up to DC16V and a load to be protected, including:

- Personal computer
- Medical electronics
- Personal care product

RoHS

P/N	I _{hold}	I _{trip}	V _{max} (V _{dc})	I _{max} (A)	Maximum Time To Trip(12V)		Resistance		
					Current (A)	Time (sec.)	R _{min} (mΩ)	R _{max} (mΩ)	R _{1max} (mΩ)
BJK16-010T	100mA	200mA	16	100	0.50	5	1500	7500	8500
BJK16-020T	200mA	400mA	16	100	1.00	5	700	2200	3200
BJK16-025T	250mA	500mA	16	100	1.25	5	700	1950	3000
BJK16-030T	300mA	600mA	16	100	1.50	5	300	700	1000
BJK16-040T	400mA	800mA	16	100	2.00	5	200	700	1000
BJK16-050T	500mA	1.00A	16	100	2.50	5	200	500	650
BJK16-065T	650mA	1.30A	16	100	3.30	5	120	480	650
BJK16-075T	750mA	1.50A	16	100	3.75	5	100	260	400
BJK16-090T	900mA	1.80A	16	100	4.50	8	90	180	250
BJK16-110T	1.10A	2.20A	16	100	5.50	8	60	150	200
BJK16-120	1.20A	2.40A	16	100	6.00	8	50	140	190
BJK16-135T	1.35A	2.70A	16	100	6.75	8	40	130	180
BJK16-150T	1.50A	3.00A	16	100	7.50	8	40	120	200
BJK16-160T	1.60A	3.20A	16	100	8.00	8	40	110	200
BJK16-185T	1.85A	3.70A	16	100	9.25	8	30	100	150
BJK16-200T	2.00A	4.00A	16	100	10.00	10	45	75	120
BJK16-250E	2.50A	5.00A	16	100	12.50	10	20	70	120
BJK16-300	3.00A	6.00A	16	100	9.00	15	20	60	80
BJK16-400	4.00A	8.00A	16	100	12.00	15	20	40	60
BJK16-500	5.00A	10.00A	16	100	15.00	15	14	25	33
BJK16-600	6.00A	12.00A	16	100	18.00	15	10	21	31
BJK16-700	7.00A	14.00A	16	100	21.00	15	8	15	20
BJK16-800	8.00A	16.00A	16	100	24.00	15	6	13	18
BJK16-900	9.00A	18.00A	16	100	27.00	25	4	12	16
BJK16-1000	10.00A	20.00A	16	100	30.00	30	4	11	15
BJK16-1100	11.00A	22.00A	16	100	33.00	30	3	9	13
BJK16-1200	12.00A	24.00A	16	100	36.00	30	3	8	12
BJK16-1300	13.00A	26.00A	16	100	39.00	50	3	8	12
BJK16-1400	14.00A	28.00A	16	100	40.00	50	3	7	11

I_{hold} : Maximum current device will sustain for 1 hour without tripping in 25°C still air.

I_{trip} : Minimum current at which the device will trip in 25°C still air.

V_{max} : Maximum operating voltage device can withstand without damage at rated current(I_{max}).

I_{max} : Maximum fault current device can withstand without damage at rated voltage(V_{max}).

R_{min}/R_{max}: Minimum/Maximum resistance of device in initial (un-soldered) state.

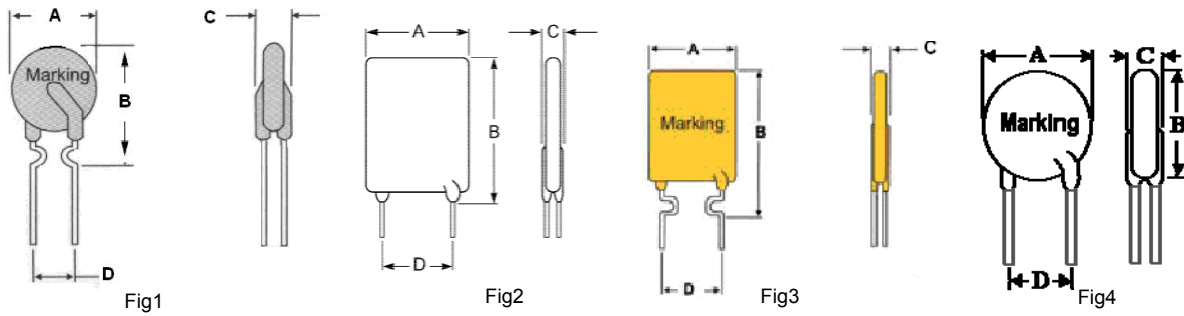
R_{1max}: Maximum resistance of device at 25°C measured one hour after tripped tripping.

*CAUTION: Operation beyond the specified rating may result in damage and possible arcing.

The devices are intended for protection against occasional overcurrent or overtemperature fault and should not be used when repeated fault conditions are anticipated.

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Dimensions and Packing Information



Model	Fig.	Quantity	A(max)	B(max)	C(max)	D(type)
BJK16-010T	1	1000	5.5	12.0	3.0	5.1
BJK16-020T	1	1000	5.5	12.0	3.0	5.1
BJK16-025T	1	1000	5.5	12.0	3.0	5.1
BJK16-030T	4	1000	5.5	12.0	3.0	5.1
BJK16-040T	1	1000	5.5	12.0	3.0	5.1
BJK16-050T	1	1000	5.5	12.0	3.0	5.1
BJK16-065T	1	1000	5.5	12.0	3.0	5.1
BJK16-075T	1	1000	5.5	12.0	3.0	5.1
BJK16-090T	1	1000	7.4	13.0	3.0	5.1
BJK16-110T	1	1000	7.4	13.0	3.0	5.1
BJK16-120	1	1000	7.4	13.5	3.0	5.1
BJK16-135T	1	1000	7.4	13.5	3.0	5.1
BJK16-150T	1	1000	7.4	14.0	3.0	5.1
BJK16-160T	1	1000	7.4	14.0	3.0	5.1
BJK16-185T	1	1000	7.4	14.0	3.0	5.1
BJK16-200T	2	1000	9.0	12.0	3.0	5.1
BJK16-250E	3	1000	9.0	12.0	3.0	5.1
BJK16-300	2	1000	9.0	12.0	3.0	5.1
BJK16-400	2	1000	10.0	13.0	3.0	5.1
BJK16-500	2	1000	10.7	17.5	3.0	5.1
BJK16-600	2	1000	13.5	17.5	3.0	5.1
BJK16-700	2	500	13.5	23.0	3.0	5.1
BJK16-800	2	500	13.5	23.0	3.0	5.1
BJK16-900	2	500	15.0	24.0	3.0	5.1
BJK16-1000	2	200	18.0	26.0	3.0	5.1
BJK16-1100	2	200	18.0	26.0	3.0	5.1
BJK16-1200	2	200	22.5	26.0	3.0	10.2
BJK16-1300	2	200	24.0	30.0	3.0	10.2
BJK16-1400	2	200	24.0	30.0	3.0	10.2

Note: (1) The packing information is a bag of quantity(unit: pcs).

(2) The dimensions unit is mm.

Ordering Information

Series	Hold Current	Max. Voltage	Qty
BJK16			