

BJK60 Series / PPTC



Features

- Radial Leaded Devices
- Cured, flame retardant epoxy polymer insulating material meets UL94V-0 requirements
- Bulk packaging , or tape and reel available on most models

Applications

Almost anywhere there is a low voltage power supply, up to DC60V and a load to be protected, including:

- Automotive electronics
- Medical products
- Industrial controls



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} (Ω)	R _{max} (Ω)	R _{1max} (Ω)
BJK60-005	50mA	100mA	60	40	0.25	5	7.30	20.00	30.00
BJK60-010	100mA	200mA	60	40	0.50	5	2.50	7.50	12.00
BJK60-017	170mA	340mA	60	40	0.85	5	2.00	5.21	8.00
BJK60-020	200mA	400mA	60	40	1.00	5	1.50	2.84	4.49
BJK60-025	250mA	500mA	60	40	1.25	5	1.00	1.95	3.00
BJK60-030	300mA	600mA	60	40	1.50	5	0.76	1.38	2.20
BJK60-040	400mA	800mA	60	40	2.00	5	0.45	0.88	1.40
BJK60-050	500mA	1.0A	60	40	2.50	5	0.40	0.79	1.20
BJK60-065	650mA	1.3A	60	40	3.25	5	0.31	0.50	0.74
BJK60-075	750mA	1.5A	60	40	3.75	5	0.25	0.42	0.62
BJK60-090	900mA	1.8A	60	40	4.50	5	0.20	0.33	0.49
BJK60-110	1.10A	2.2A	60	40	5.50	8	0.15	0.27	0.40
BJK60-135	1.35A	2.7A	60	40	6.75	8	0.12	0.21	0.32
BJK60-160	1.60A	3.2A	60	40	8.00	8	0.09	0.16	0.24
BJK60-185	1.85A	3.7A	60	40	9.25	8	0.08	0.14	0.21
BJK60-200	2.00A	4.0A	60	40	10.00	8	0.07	0.14	0.21
BJK60-250	2.50A	5.0A	60	40	12.50	8	0.05	0.10	0.15
BJK60-300	3.00A	6.0A	60	40	15.00	8	0.04	0.08	0.12
BJK60-375	3.75A	7.5A	60	40	18.75	24	0.03	0.06	0.10
BJK60-500	5.00A	10.0A	60	40	25.00	24	0.02	0.06	0.10

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

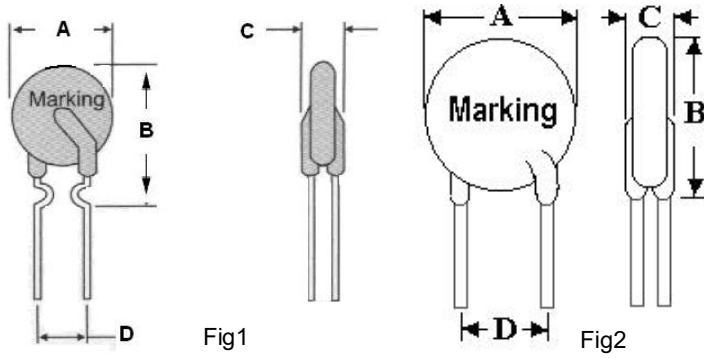


Fig1

Fig2

Model	Fig.	Quantity	A(max)	B(max)	C(max)	D(type)
BJK60-005	1	1000	5.0	8.5	3.0	5.1
BJK60-010	1	1000	5.5	9.5	3.0	5.1
BJK60-017	1	1000	7.4	12.7	3.0	5.1
BJK60-020	1	1000	7.4	12.7	3.0	5.1
BJK60-025	1	1000	7.4	12.7	3.0	5.1
BJK60-030	1	1000	7.4	13.0	3.0	5.1
BJK60-040	1	1000	7.8	16.2	3.0	5.1
BJK60-050	1	1000	7.8	16.2	3.0	5.1
BJK60-065	1	1000	9.7	17.8	3.0	5.1
BJK60-075	1	1000	10.4	18.4	3.0	5.1
BJK60-090	1	1000	11.7	18.4	3.0	5.1
BJK60-110	2	1000	13.0	18.0	3.0	5.1
BJK60-135	2	500	14.5	19.6	3.0	5.1
BJK60-160	2	500	16.3	21.3	3.0	5.1
BJK60-185	2	500	17.8	22.9	3.0	5.1
BJK60-200	2	200	17.8	22.9	3.0	5.1
BJK60-250	2	200	21.3	26.4	3.0	10.2
BJK60-300	2	200	21.3	26.4	3.0	10.2
BJK60-375	2	200	28.5	33.5	3.0	10.2
BJK60-500	2	200	28.5	33.5	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
BJK60			