

Features

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

Applications

Almost anywhere there is a low voltage power supply, up to DC30V and a load to be protected, including:

- ℓ Personal computer
- ℓ Toys
- ℓ Industrial controls

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} (Ω)	R _{max} (Ω)	R _{1max} (Ω)
BJK30-050	500mA	1.0A	30	40	2.50	5.0	0.250	0.500	1.200
BJK30-075	750mA	1.5A	30	40	3.75	5.0	0.200	0.370	0.420
BJK30-090	900mA	1.8A	30	40	4.50	8.0	0.100	0.220	0.300
BJK30-110	1.10A	2.2A	30	40	5.50	8.0	0.070	0.200	0.260
BJK30-120	1.20A	2.4A	30	40	6.00	8.0	0.080	0.160	0.200
BJK30-135	1.35A	2.7A	30	40	6.75	8.0	0.070	0.160	0.220
BJK30-160	1.60A	3.2A	30	40	8.00	8.7	0.060	0.140	0.180
BJK30-185	1.85A	3.7A	30	40	9.25	8.0	0.050	0.120	0.150
BJK30-200	2.00A	4.0A	30	40	10.00	11.0	0.040	0.100	0.130
BJK30-250	2.50A	5.0A	30	40	12.50	11.0	0.030	0.080	0.100
BJK30-300	3.00A	6.0A	30	40	15.00	11.0	0.030	0.070	0.100
BJK30-400	4.00A	8.0A	30	40	20.00	12.7	0.010	0.060	0.090
BJK30-500	5.00A	10.0A	30	40	25.00	14.5	0.010	0.050	0.080
BJK30-600	6.00A	12.0A	30	40	30.00	16.0	0.005	0.040	0.060
BJK30-700	7.00A	14.0A	30	40	35.00	17.5	0.005	0.030	0.050
BJK30-800	8.00A	16.0A	30	40	40.00	18.8	0.005	0.025	0.030
BJK30-900	9.00A	18.0A	30	40	40.00	20.0	0.005	0.020	0.025

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

I_{max} current(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.

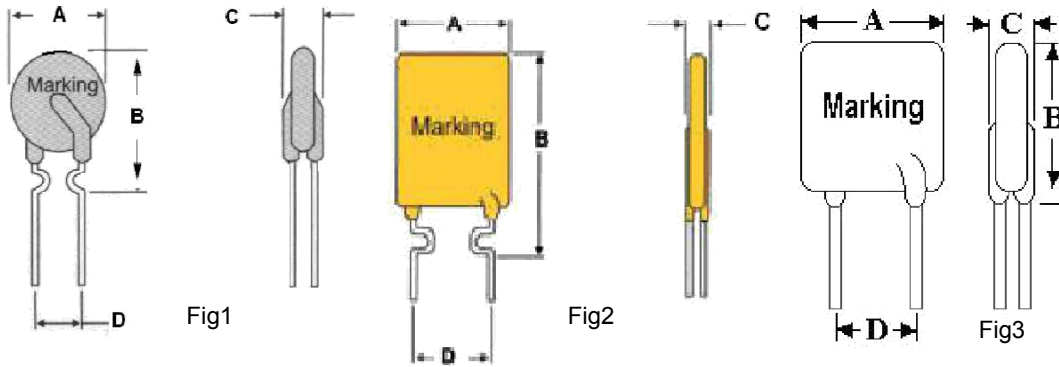
R_{1max}: Maximum resistance of device at 25°C measured one hour after tripped tripping.

*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.

BJK30 Series / PPTC

Dimensions and Packing Information



Model	Fig.	Quantity	A(max)	B(max)	C(max)	D(type)
BJK30-050	1	1000	7.4	12.7	3.0	5.1
BJK30-075	1	1000	7.4	13.0	3.0	5.1
BJK30-090	2	1000	7.4	18.5	3.0	5.1
BJK30-110	2	1000	7.4	18.5	3.0	5.1
BJK30-120	2	1000	9.2	18.5	3.0	5.1
BJK30-135	2	1000	9.2	17.6	3.0	5.1
BJK30-160	2	1000	9.2	20.2	3.0	5.1
BJK30-185	2	1000	15.2	20.2	3.0	5.1
BJK30-200	2	1000	13.2	20.2	3.0	5.1
BJK30-250	2	1000	13.2	22.4	3.0	5.1
BJK30-300	3	500	14.0	20.4	3.0	5.1
BJK30-400	3	500	14.0	23.7	3.0	5.1
BJK30-500	3	500	17.2	23.7	3.0	10.2
BJK30-600	3	200	17.2	27.0	3.0	10.2
BJK30-700	3	200	23.5	27.0	3.0	10.2
BJK30-800	3	200	23.5	29.2	3.0	10.2
BJK30-900	3	200	23.5	29.2	3.0	10.2

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

(2) The dimensions unit is mm.

