



XGPU2.E244500

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BRIGHTKING (SHENZHEN) CO LTD

E244500

2nd Fl Tianan Management Center Bldg

Tian An Cyber Park

Futian District

Shenzhen, Guangdong 518040 CHINA

PTC current limiter:

Model No.	Voltage (V)	Current (A)				Tmoa	Class	CA
		Ih	It	I _{max}	I _{sc}			
BK60-110	60	1.10	2.20	40	—	85	C2	<15/3.3
BK60-135	60	1.35	2.70	40	—	85	C2	<15/4.05
BK60-160	60	1.60	3.20	40	—	85	C2	<15/4.8
BK60-185	60	1.85	3.70	40	—	85	C2	<15/5.55
BK60-250	60	2.50	5.00	40	—	85	C2	<15/7.5
BK60-300	60	3.00	6.00	40	—	85	C2	<15/9
BK60-375	60	3.75	7.50	40	—	85	C1	<15/11.25

PTC current limiter:

Model No.	Voltage (V)		Current (A)				Tmoa (°C)	Class	CA
	V _{max}	V _r	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)			
JK60-110\$, BK60-110\$, BK72-110\$, BK60-055\$, BK60-010\$, BK16-1000	60 V dc	60 V dc	1100	2200	40	40	85	C2	1(120), 2, 4, #
JK60-135\$, BK60-135\$, BK72-135\$, BK60-017\$, BK16-1400	60 V dc	60 V dc	1350	2700	40	40	85	C2	1(120), 2, 4, #
JK60-160\$, BK60-160\$, BK72-160\$, BK60-080\$	60 V dc	60 V dc	1600	3200	40	40	85	C2	1(120), 2, 4, #
JK60-185\$, BK60-185\$, BK72-185\$	60 V dc	60 V dc	1850	3750	40	40	85	C2	1(120), 2, 4, #
JK60-250\$, BK60-250\$, BK72-250\$, BK60-120\$, BBK90-250	60 V dc	60 V dc	2500	5000	40	40	85	C2	1(120), 2, 4, #
JK60-300\$, BK60-300\$, BK72-300\$, BK60-150\$, BK30-300	60 V dc	60 V dc	3000	6000	40	40	85	C2	1(120), 2, 4, #
JK60-375\$, BK60-375\$, BK72-375\$, BK90-350	60 V dc	60 V dc	3750	7500	40	40	85	C1	1(120), 2, 4, #
JK6-075\$, BK6-075\$, BK6-075, BK6\$-075\$, BK600-075\$, BK16-700, BK30-700, BK90-	6 V dc	6 V dc	750	1500	40	40	85	C2	1(98.8), 2, 4, #

750									
JK6-090\$, BK6-090\$, BK6-090, BK6\$-090\$, BK600-090\$, BK90-900	6 V dc	6 V dc	900	1800	40	40	85	C2	1(98.8), 2, 4, #
JK6-110\$, BK6-110\$, BK6-110, BK6\$-110\$, BK600-110\$, BK150	6 V dc	6 V dc	1100	2200	40	40	85	C2	1(98.8), 2, 4, #
JK6-120\$, BK6-120\$, BK6-120, BK6\$-120\$, BK600-120\$, BK16-1200	6 V dc	6 V dc	1200	2400	40	40	85	C2	1(98.8), 2, 4, #
JK6-135\$, BK6-135\$, BK6-135, BK6\$-135\$, BK600-135\$, BK90-350	6 V dc	6 V dc	1350	2700	40	40	85	C2	1(98.8), 2, 4, #
JK6-155\$, BK6-155\$, BK6-155, BK6\$-155\$, BK90-150	6 V dc	6 V dc	1550	3100	40	40	85	C1	1(99.1), 2, 4, #
JK6-160\$, BK6-160\$, BK6-160, BK6\$-160\$, BK250-160, BK160	6 V dc	6 V dc	1600	3200	40	40	85	C1	1(99.1), 2, 4, #
JK6-185\$, BK6-185\$, BK6-185, BK6\$-185\$, BK600-185\$, BK90-550	6 V dc	6 V dc	1850	3700	40	40	85	C1	1(99.1), 2, 4, #
JK6-250\$, BK6-250\$, BK6-250, BK6\$-250\$, BK600-250\$	6 V dc	6 V dc	2500	5000	40	40	85	C1	1(83.1), 2, 4, #
JK250-180\$, BK250-180, BK250-180T	60 V dc	60 V dc	180	540	10	10	85	C3	1(85), 2, 4, #
JK250-200\$, BK250-200, BK250-200U, BK90-200	60 V dc	60 V dc	200	600	10	10	85	C3	1(85), 2, 4, #
JK250-400\$, BK250-400, BK250-400U	60 V dc	60 V dc	400	1200	10	10	85	C3	1(85), 2, 4, #
JK250-600\$, BK250-600, BK250-300\$, BK250-600U	60 V dc	60 V dc	600	1800	10	10	85	C3	1(85), 2, 4, #
JK250-800U, BK250-800, BK250-180, BK250-800U, BK16-800, BK30-800	60 V dc	60 V dc	800	2400	10	10	85	C1	1(112.1) 2, 4, #
BK06-090\$, BK16-090\$, BK16-900\$	16Vdc	16Vdc	900	1800	40	40	85	C2	1(113), 2, 4, #
BK06-110\$, BK16-110\$, BK16-1100\$	16Vdc	16Vdc	1100	2200	40	40	85	C2	1(113), 2, 4, #
BK06-135\$, BK16-135\$	16Vdc	16Vdc	1350	2700	40	40	85	C2	1(113), 2, 4, #
BK06-160\$, BK16-160\$	16Vdc	16Vdc	1600	3200	40	40	85	C2	1(113), 2, 4, #
BK06-185\$, BK16-185\$	16Vdc	16Vdc	1850	3700	40	40	85	C2	1(113), 2, 4, #
BK06-200\$, BK16-200\$	16Vdc	16Vdc	2000	3400	40	40	85	C2	1(122), 2, 4, #
BK06-250\$, BK16-250\$	16Vdc	16Vdc	2500	5000	40	40	85	C2	1(113), 2, 4, #
BK06-300\$, BK16-300\$	16Vdc	16Vdc	3000	5100	100	100	85	C2	1(122), 2, 4, #
BK16-400\$	16Vdc	16Vdc	4000	6800	100	100	85	C2	1(122), 2, 4, #
BK16-500\$	16Vdc	16Vdc	5000	8500	100	100	85	C2	1(122),

									2, 4, #
BK16-600\$, BK30-600\$	16Vdc	16Vdc	6000	10200	100	100	85	C1	1(127), 2, 4, #
BK30-090\$, BK30-900\$	30Vdc	30Vdc	900	1800	40	40	85	C3	1 (117.4), 2, 4, #
BK30-110\$, BK250-110\$	30Vdc	30Vdc	1100	2200	40	40	85	C3	1 (131.9), 2, 4, #
BK30-135\$	30Vdc	30Vdc	1350	2700	40	40	85	C3	1 (131.9), 2, 4, #
BK30-160\$, BK06-160\$	30Vdc	30Vdc	1600	3200	40	40	85	C3	1 (131.9), 2, 4, #
BK30-185\$	30Vdc	30Vdc	1850	3700	40	40	85	C3	1 (131.9), 2, 4, #
BK30-250\$	30Vdc	30Vdc	2500	5000	40	40	85	C3	1 (122.5), 2, 4, #
BK60-020\$, BK72-020\$	72Vdc	72Vdc	200	400	40	40	85	C3	1 (113.0), 2, 4, #
BK60-025\$, BK72-025\$	72Vdc	72Vdc	250	500	40	40	75	C3	1 (130.8), 2, 3,4, #
BK60-030\$, BK250-030\$, BK72-030\$	72Vdc	72Vdc	300	600	40	40	75	C3	1 (130.8), 2, 3,4, #
BK60-040\$, BK250-040\$, BK72-040\$	72Vdc	72Vdc	400	800	40	40	75	C3	1 (130.8), 2, 3,4, #
BK60-050\$, BK60-005\$, BK72-050\$, BK72-005\$	72Vdc	72Vdc	500	1000	40	40	80	C3	1 (130.8), 2, 4, #
BK60-065\$, BK72-065\$	72Vdc	72Vdc	650	1300	40	40	80	C3	1 (130.8), 2, 4, #
BK60-075\$, BK06-075\$, BK72-075\$	72Vdc	72Vdc	750	1500	40	40	80	C3	1 (130.8), 2, 4, #
BK60-090\$, BK250-090\$, BK72-090\$	72Vdc	72Vdc	900	1800	40	40	80	C2	1 (128.5), 2, 4, #
BK130-160\$, BK135-160\$	120Vac	120Vac	160	320	6	20	85	C2	1 (117), 2, 4, #
BK130-200\$, BK30-200\$, BK135-200\$,	120Vac	120Vac	200	400	6	20	85	C2	1 (117), 2, 4, #
BK130-250\$, BK135-250\$	120Vac	120Vac	250	500	6	20	85	C2	1 (117), 2, 4, #
BK130-300\$, BK30-300\$, BK135-300\$	120Vac	120Vac	300	600	6	20	85	C2	1 (117), 2, 4, #
BK130-400\$, BK30-400\$, BK135-400\$	120Vac	120Vac	400	800	6	20	85	C2	1 (117), 2, 4, #
BK130-500\$, BK30-500\$, BK135-500\$	120Vac	120Vac	500	1000	7.5	20	85	C1	1 (120), 2, 4, #
BK250-080\$, BK265-080\$	72Vdc	72Vdc	80	160	3	3	85	C3	1 (95.5),

									2, 3, 4, #
BK250-120\$, BK06-120\$, BK265-120\$	72Vdc	72Vdc	120	240	3	3	85	C3	1 (109.2), 2, 3, 4, #
BK250-145\$, BK265-145\$	72Vdc	72Vdc	145	290	3	3	85	C3	1 (109.2), 2, 4, #
BK250-180\$, BK265-180C\$	72Vdc	72Vdc	180	540	10	10	85	C2	1 (109.2), 2, 4, #
BK250-180\$, BK265-180S\$	72Vdc	72Vdc	180	540	10	10	85	C2	1 (109.2), 2, 4, #
BK250-200\$, BK265-200\$	72Vdc	72Vdc	200	400	10	10	85	C2	1 (109.2), 2, 4, #
BK250-330\$, BK265-330\$	135Vac	135Vac	330	660	20	20	85	C2	1 (115), 2, 4, #
BK250-400\$, BK265-400\$	72Vdc	72Vdc	400	800	10	10	85	C2	1 (108.5), 2, 4, #
BK250-500\$, BK265-500\$	135Vac	135Vac	500	1000	20	20	85	C2	1 (115), 2, 4, #
BK250-600\$, BK250-060\$, BK265-600\$, BK265-060\$	135Vac	135Vac	600	1200	20	20	85	C2	1 (115), 2, 4, #
BK250-800\$, BK265-650\$	135Vac	135Vac	650	1300	20	20	85	C2	1 (121), 2, 4, #

PTC current limiters:

Model No.	Voltage (V)		Current (A)				Tmoa (°C)	Class	CA
	Vmax	Vr	Ih (mA)	It (mA)	I _{max} (A)	I _{sc} (A)			
BK30-090-**	30	30	0.9	1.8	40	40	85	C1	1(120), 2, 4, #
BK30-110-**	30	30	1.1	2.2	40	40	85	C1	1(125), 2, 4, #
BK30-135-**	30	30	1.35	2.7	40	40	85	C1	1(125), 2, 3, 4, #
BK30-160-**	30	30	1.6	3.2	40	40	85	C1	1(125), 2, 3, 4, #
BK30-185-**	30	30	1.85	3.7	40	40	85	C1	1(125), 2, 4, #
BK30-250-**	30	30	2.5	5.0	40	40	85	C1	1(125), 2, 4, #
BK30-300-**	30	30	3.0	6.0	40	40	85	C1	1(125), 2, 4, #
BK30-400-**	30	30	4.0	8.0	40	40	85	C1	1(125), 2, 4, #
BK30-500-**	30	30	5.0	10.0	40	40	85	C1	1(125), 2, 4, #
BK30-600-**	30	30	6.0	12.0	40	40	85	C1	1(125), 2, 4, #
BK30-700-**	30	30	7.0	14.0	40	40	85	C1	1(125), 2, 4, #
BK30-800-**	30	30	8.0	16.0	40	40	85	C1	1(125), 2, 4, #
BK30-900-**	30	30	9.0	18.0	40	40	85	C1	1(125), 2, 4, #
BK60-010-**	60	60	0.10	0.20	40	40	85	C3	1(90), 2, 3, 4, #

BK60-017-**	60	60	0.17	0.34	40	40	85	C3	1(90), 2, 3, 4, #
BK60-020-**	60	60	0.2	0.4	40	40	85	C1	1(100), 2, 4, #
BK60-025-**	60	60	0.25	0.5	40	40	85	C1	1(120), 2, 4, #
BK60-030-**	60	60	0.3	0.6	40	40	85	C1	1(120), 2, 4, #
BK60-040-**	60	60	0.4	0.8	40	40	85	C1	1(120), 2, 4, #
BK60-050-**	60	60	0.5	1.0	40	40	85	C1	1(120), 2, 4, #
BK60-065-**	60	60	0.65	1.3	40	40	85	C1	1(120), 2, 4, #
BK60-075-**	60	60	0.75	1.5	40	40	85	C1	1(120), 2, 4, #
BK60-090-**	60	60	0.9	1.8	40	40	85	C1	1(120), 2, 4, #
BK60-110-**	60	60	1.1	2.2	40	40	85	C1	1(120), 2, 4, #
BK60-135-**	60	60	1.35	2.7	40	40	85	C1	1(120), 2, 4, #
BK60-160-**	60	60	1.6	3.2	40	40	85	C1	1(120), 2, 4, #
BK60-185-**	60	60	1.85	3.7	40	40	85	C1	1(120), 2, 4, #
BK60-250-**	60	60	2.5	5.0	40	40	85	C1	1(120), 2, 4, #
BK60-300-**	60	60	3.0	6.0	40	40	85	C1	1(120), 2, 4, #
BK60-375-**	60	60	3.75	7.5	40	40	85	C2	1(120), 2, 4, #
BK16-700-**	16	16	7.0	11.9	100	100	85	C1	1(130), 2, 4, #
BK16-800-**	16	16	8.0	13.6	100	100	85	C1	1(130), 2, 4, #
BK16-900-**	16	16	9.0	15.3	100	100	85	C1	1(130), 2, 4, #
BK16-1000-**	16	16	10.0	17.0	100	100	85	C1	1(130), 2, 4, #
BK16-1100-**	16	16	11.0	18.7	100	100	85	C1	1(130), 2, 4, #
BK16-1200-**	16	16	12.0	20.4	100	100	85	C1	1(130), 2, 4, #
BK16-1400-**	16	16	14.0	23.8	100	100	85	C1	1(130), 2, 4, #
BK16-300-**	16	16	3.0	5.1	100	100	85	C2	1(115), 2, 3, 4, #
BK16-400-**	16	16	4.0	6.8	100	100	85	C2	1(115), 2, 3, 4, #
BK16-500-**	16	16	5.0	8.5	100	100	85	C2	1(115), 2, 3, 4, #
BK16-600-**	16	16	6.0	10.2	100	100	85	C1	1(115), 2, 4, #
BK600-150-** (\$)	60	60	0.15	0.30	3	3	85	C3	1(107), 2, 3, 4, #
BK600-160-** (\$)	60	60	0.16	0.32	3	3	85	C1	1(90), 2, 3, 4, #

\$ May be any alpha-numeric characters A thru Z or/and 0 thru 9 or none for PTC.

(!) One position of alphanumeric digits A thru Z, customer code for commercial use only.

(@) Two positions of alphanumeric digits A thru Z or 0 thru 9 or blank, customer code for commercial use only.

Indicates unique Condition of Acceptability.

(**) Where ** may be any two alpha-numeric characters A thru Z or/and 0 thru 9 or none for PTC to denote a resistance range or customer code.

Marking: Company name or "E244500," UL Recognition Mark and part designation permanently and legibly marked on individual parts or on the smallest shipping container.

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