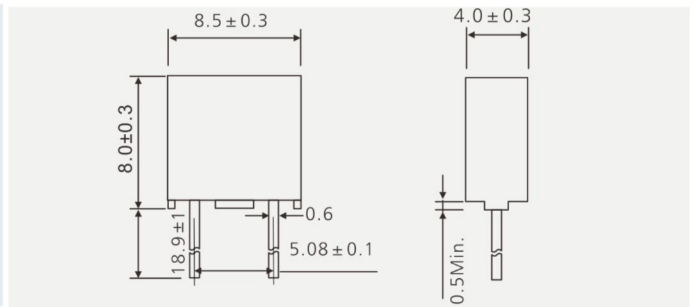
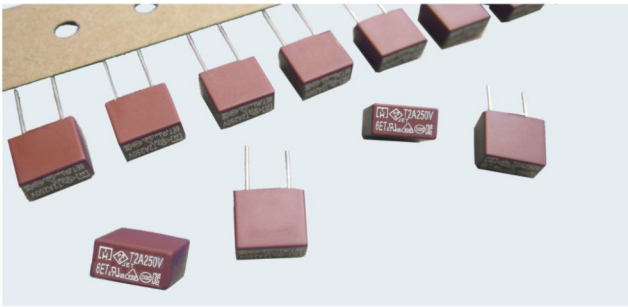


RADIAL LEAD MICROFUSE (TIME LAG) 8x8,5mm



Catalog Number	Current Rating	Approvals					I ² T Reference (A ² Sec.)
		cULus	CQC	VDE	PSE	KC	
Bkz100	100mA	•					---
Bkz125	125mA	•					0.07
Bkz160	160mA	•					0.12
Bkz200	200mA	•					0.12
Bkz250	250mA	•					0.30
Bkz315	315mA	•					0.70
Bkz400	400mA	•					0.70
Bkz500	500mA	•					1.38
Bkz630	630mA	•					2.30
Bkz800	800mA	•					3.65
BkzA01.00	1A	•	•	•	•	•	5.70
BkzA01.25	1.25A	•	•	•	•	•	7.15
BkzA01.60	1.6A	•	•	•	•	•	15
BkzA02.00	2A	•	•	•	•	•	31
BkzA02.50	2.5A	•	•	•	•	•	36
BkzA03.00	3A	•			•		52
BkzA03.15	3.15A	•	•	•	•	•	66
BkzA03.50	3.5A	•			•		75
BkzA04.00	4A	•	•	•	•	•	90
BkzA05.00	5A	•	•	•	•	•	148
BkzA06.30	6.3A	•	•	•	•	•	264
BkzA08.00	8A	•	•		•		---
BkzA10.00	10A	•	•		•		---

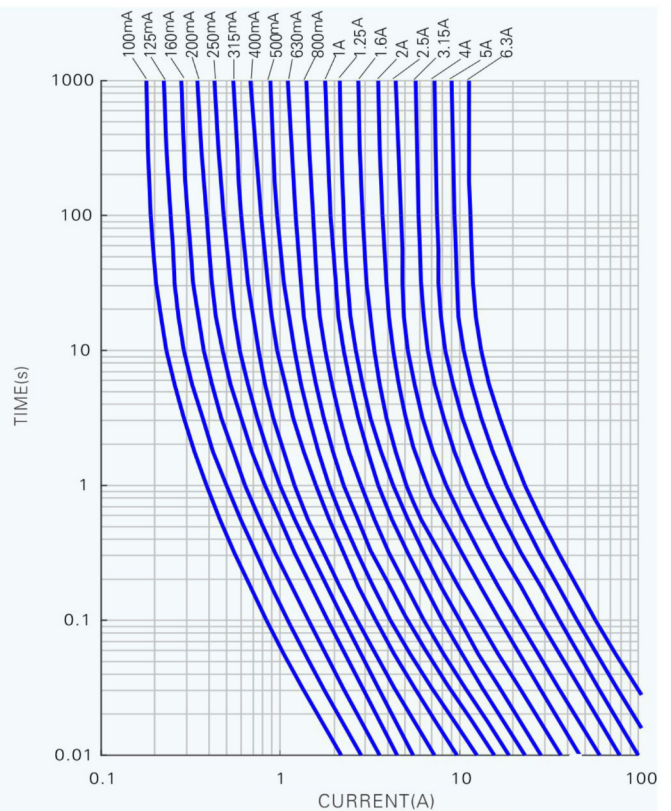
• Denotes For Approved

Operating Temperature	Storage Temperature	Resistance to soldering heat
-55°C ~ 125°C	-55°C ~ 85°C	260°C, 10S Max.

Interrupting Rating

CQC/VDE/KC:
35 amperes or 10In 250V AC whichever is greater
PSE:100A 250V AC
cULus:50A 250V AC and 50A 350V AC

Average I-T Characteristics Curves





Electrical Characteristics

% of Current Rating		Opening Time
210%	Max.	2 minutes
	Min.	400ms
275%	Max.	10 seconds
	Min.	150ms
400%	Max.	3 seconds
	Min.	20ms
1000%	Max.	150ms

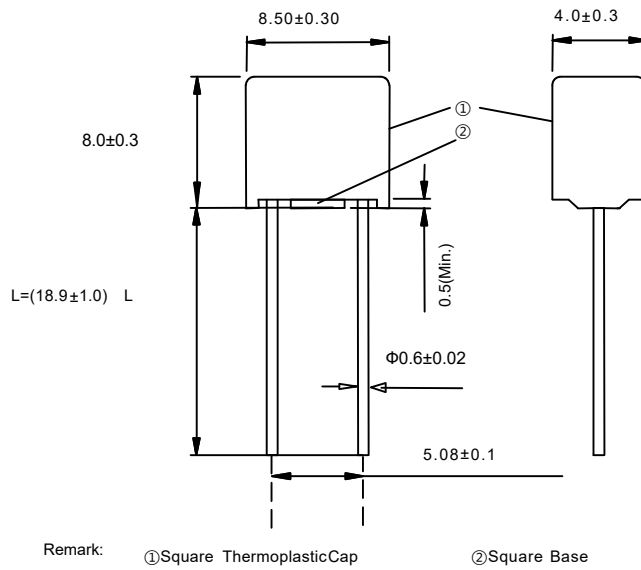
PART NUMBER

PART NUMBER	RATED CURRENT	RATED VOLTAGE	PART NUMBER	RATED CURRENT	RATED VOLTAGE
Bkz100	100mA	250V/ 300V /350V	BkzA02.00	2A	250V/ 300V /350V
Bkz125	125mA	250V/ 300V /350V	BkzA02.50	2.5A	250V/ 300V /350V
Bkz160	160mA	250V/ 300V /350V	BkzA03.00	3A	250V/ 300V /350V
Bkz200	200mA	250V/ 300V /350V	BkzA03.15	3.15A	250V/ 300V /350V
Bkz250	250mA	250V/ 300V /350V	BkzA03.50	3.5A	250V/ 300V /350V
Bkz315	315mA	250V/ 300V /350V	BkzA04.00	4A	250V/ 300V /350V
Bkz400	400mA	250V/ 300V /350V	BkzA05.00	5A	250V/ 300V /350V
Bkz500	500mA	250V/ 300V /350V	BkzA06.30	6.3A	250V/ 300V /350V
Bkz630	630mA	250V/ 300V /350V	BkzA07.00	7A	250V/ 300V /350V
Bkz800	800mA	250V/ 300V /350V	BkzA08.00	8A	250V/ 300V /350V
BkzA01.00	1A	250V/ 300V /350V	BkzA10.00	10A	250V/ 300V /350V
BkzA01.25	1.25A	250V/ 300V /350V	BkzA15.00	15A	250V
BkzA01.60	1.6A	250V/ 300V /350V			

APPROVED DETAILS

UR	E324232	100mA-10A	250V/ 300V /350V
CQC	CQC11012061303	1A/1.25A/1.6A/2A/2.5A/3.15A/4A /5A/6.3A/8A/ 10A	250V
VDE 	40034107	1A/1.25A/1.6A/2A/2.5A/ 3.15A/4A/5A/6.3A	
KC 	SU05032-13005	1A/1.25A/1.6A/2A/2.5A	
	SU05032-13006	3.15A/4A/5A/6.3A	
PSE	JET6223-31007-1001	1A-5A	
	JET6223-31007-1002	6.3A-15A	

CONSTRUCTION FIG. & DIMENSION (mm)



NO	PART	MATERIAL	REMARK	
1	Square Thermoplastic Cap	Thermoplastic	Mahogany	Black
2	Base	Thermoplastic	Black	
3	Lead	Tin Plated Copper Wire	/	
4	Solder	Pb Free	/	
5	Fusible Element	Glass Fiber+ Metal Wire	/	

SQUARE THERMOPLASTIC CAP

Square Thermoplastic Cap shall have no defects such as crack, injury and contamination.

FLAMMABILITY CLASSIFICATION: UL 94V-0.

MECHANICAL PERFORMANCES

Fuse shall withstand the following two tests.

TENSILE TEST

When fuse is fixed and the tensile force 10N is applied in a direction to lead, no looseness of leads and square thermoplastic cap or damage of square thermoplastic cap shall occur.

THRUST TEST

When fuse is fixed and the thrust 2N is applied in a direction to lead, no looseness of leads and square thermoplastic cap or damage of square thermoplastic cap shall occur.

ELECTRICAL PERFORMANCES

All electrical tests are conducted at a ambient temperature of $24\pm 3^{\circ}\text{C}$. The ambient temperature is not allowed to vary more than 5°C during the test, and must be within these limits.

Each fuse-holder is to be mounted horizontally on a test board of non-conducting bakelite, so that each fuse under test is held in a horizontal position above the board

Voltage drop

The voltage drop across the fuse-link at their rated current shall not exceed the maximum values is in follows:

Rated current(A)	Rated Voltage(V)	Maximum Voltage drop(mV)	Maximum sustained Power dissipation (mW)	(I^2T) (A^2Sec) (Average Referencje)
100mA	250V/300V /350V	350	170	0.07
125mA		300	180	
160mA		280	190	
200mA		260	200	
250mA		240	220	
315mA		220	250	
400mA		200	280	
500mA		190	310	
630mA		180	360	
800mA		160	430	
1A		140	500	
1.25A		130	600	
1.6A		120	730	
2A		100	870	
2.5A		100	1000	
3.15A		100	1200	
4A		100	1400	
5A		100	1680	
6.3A		100	2000	
8A		100	2500	
10	100	3000	464	

Pre-arcing time-current characteristics

Rated Current	2.1I _n		2.75I _n		4I _n		10I _n	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
100mA- 10A	2min.	400ms	10sec.	150ms	3sec.	20ms	150ms	

BREAKING CAPACITY

Rated breaking capacity is 35A or 10I_n whichever is greater, tested with A.C. 250V And after this test, 50A, **300V**, AC, 50A, 350V, AC, there shall be not damaged or shattered of the square thermoplastic cap.

- 1) Wave soldering: 260°C , 10sec. Max..
- 2) Manual soldering: 300°C , 3sec. Max..