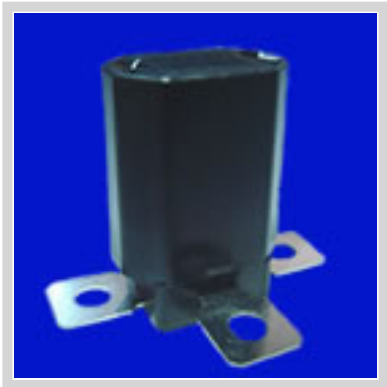
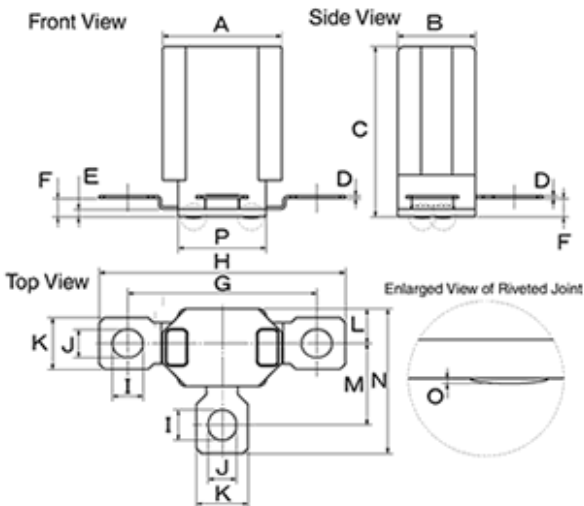


BZ07 Series



Features

- It can accept high current, 75A DC, and open a circuit quickly by receiving signal-current.
- It can open a circuit quickly, within 60 sec. at room temperature by low signal current, below 3.7A.
- Resistor portion is connected to fuse portion electrically and it can cut off the both portions simultaneously.
- It can be installed by M5 fastening screw.
- It is suitable for overcharge protect circuit of Lithium-Ion battery pack.
- It does not contain lead (Pb) and cadmium (Cd) in compliance with RoHS.
- It does not contain 163 substances of very high concern (SVHC) that are specified by REACH as of Jun. 2015.



BZ07 FM5 Dimensions (mm)							
A	B	C	D	E	F	G	H
23.0±0.5/-1.0	15.0+0.5/-1.0	33.0+1.0/-0.5	0.5±0.1	1.5±0.5	3.6±0.7	36.5±0.5	47.5±0.5
I	J	K	L	M	N	O	P
5.9±0.1	5.4±0.1	10.0±0.1	6.7±0.5	15.8±1.0	28.0±1.0	Max.0.5	17.0±0.5

Specification

Thermal links function part

Type No.	Thermal links function part		Operating temperature Range (℃)
	Ampere (A)	Voltage※1 (V DC)	

BZ07-500	75	400	-30~120
BZ07-800			
BZ07-161			

Fusing Resistors part

Type No.	Fusing resistor part		
	Normal resistance value	Resistance Tolerance (%)	Operating Electric Power (W)
BZ07-500	50	±5	30~62
BZ07-800	80		
BZ07-161	160		

Fusing Resistors part (UL approval concerned)

Type No.	Fusing resistor part	
	Voltage (V DC)	Rated Power (W)
BZ07-500	67	1
BZ07-800		
BZ07-161		

※1 遮断可能な最大電圧値です。(抵抗部に印加される電圧ではありませんのでご注意ください) 電圧が60Vを超える場合は、軽減曲線に従って、負荷を軽減して下さい。

※使用温度が70℃を超える場合は軽減曲線に従って負荷を軽減して下さい。

※要求により、4.7Ω~160Ω(±5%)の間で、新タイプとして設定可能です。UL規格(UL1412)には定格電流の規定がなく、表中の定格電流は弊社独自の設定値です。

Safety standard information

Model No.	Safety standard approval					
	PSE	UL	C-UL	VDE	CCC	KC
BZ07	-	E106175	-	-	-	-

※FM5 is indentifying symbol of terminal specification.

※Please feel free to contact us in regard of M4 terminal.

※1 This is maximum voltage value at which BZ07 can open a circuit under rated current condition. (Please note it is different from voltage value that can be applied to resistor part.)Please use BZ07 in accordance with the derating curve, if voltage exceeds 60V.

※Please us BZ07 in accordance with the derating curve, if ambient temperature exceeds 70℃.

※Resistance value can be changed 4.7Ω~160Ω(±5%) as new type. UL1412 contains no provisions concerning rated current, so above-mentioned is our own specification.

- Please feel free to contact us in regard of the details of safety standard approvals.