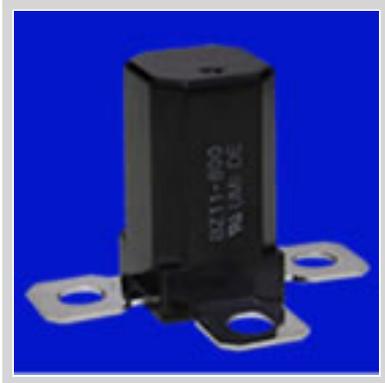
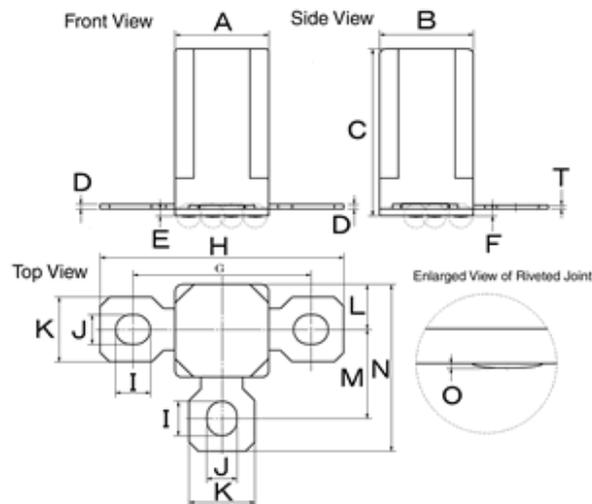


BZ11 Series



Features

- It can accept high current, 120A 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 4.3A.
- Resistor portion is connected to fuse portion electrically and it can cut off the both portions simultaneously.
- It can be installed by M6 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.



BZ11 Dimensions (mm)							
A	B	C	D	E	F	G	H
20.0+0.5/-1.0	20.0+0.5/-1.0	36.0+1.0/-0.5	1.0±0.1	1.5±0.5	1.5±0.5	38.0±0.5	52.0±0.5
I	J	K	L	M	N	O	T
7.4±0.2	6.4±0.2	14.0±0.2	9.7±0.5	19.2±1.0	36.0±1.0	Max.0.5	0.8±0.1

Specification

Thermal links function part

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

BZ11-500	120	200	-30~120
BZ11-800			
BZ11-161			

Fusing Resistors part

Type No.	Fusing resistor part		
	Normal resistance value	Resistance Tolerance (%)	Operating Electric Power (W)
BZ11-500	50	±5	60~80
BZ11-800	80		
BZ11-161	160		

Fusing Resistors part (UL approval concerned)

Type No.	Fusing resistor part	
	Voltage (V DC)	Rated Power (W)
BZ11-500	120	2
BZ11-800		
BZ11-161		

Safety standard information

Model No.	Safety standard approval					
	PSE	UL	C-UL	VDE	CCC	KC
BZ11	-	E106175	-	-	-	-

※1 This is maximum voltage value at which BZ11 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 BZ11 in accordance with the derating curve, if voltage exceeds 80V.

※Please use BZ11 in accordance with the derating curve, if ambient temperature exceeds 80°C.

※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.

Uchihashi Estec Co.,Ltd.