

## FEATURE

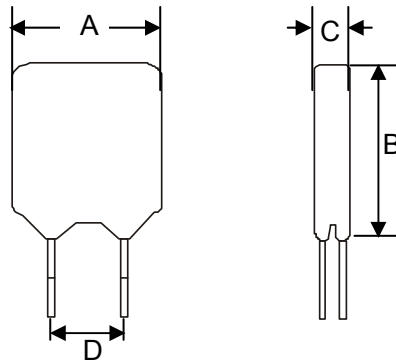
- Radial leaded devices.
- High voltage surge capabilities.
- Available in lead-free version.



## APPLICATIONS

- Customer Premises Equipment (CPE)
- Central Office (CO)/ telecom centers
- LAN/WAN equipment
- Access equipment

## PACKAGE DIMENSIONS



Part Number	A(max)	B(max)	C(max)	D(Max)
SB265-120	7.0	9.5	4.7	5.1±0.5

## ELECTRICAL CHARACTERISTICS

Part Number	Vmax (V)	I <sub>max</sub> (A)	I <sub>h</sub> (mA)	R <sub>max</sub> (Ω)	R <sub>min</sub> (Ω)	Pd(W)
SB265-120	265	3	120	12	5	1.0

V<sub>MAX</sub>=Maximum voltage device can withstand without damage at rated current.

I<sub>MAX</sub>=Maximum fault current device can withstand without damage at rated voltage.

I<sub>h</sub>=Hold current: maximum current at which the device will not trip at 25 still air.

R<sub>MAX</sub>=Maximum device resistance at 25 prior to tripping.

R<sub>MIN</sub>=Minimum device resistance at 25 prior to tripping.

Pd<sub>typ</sub>=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

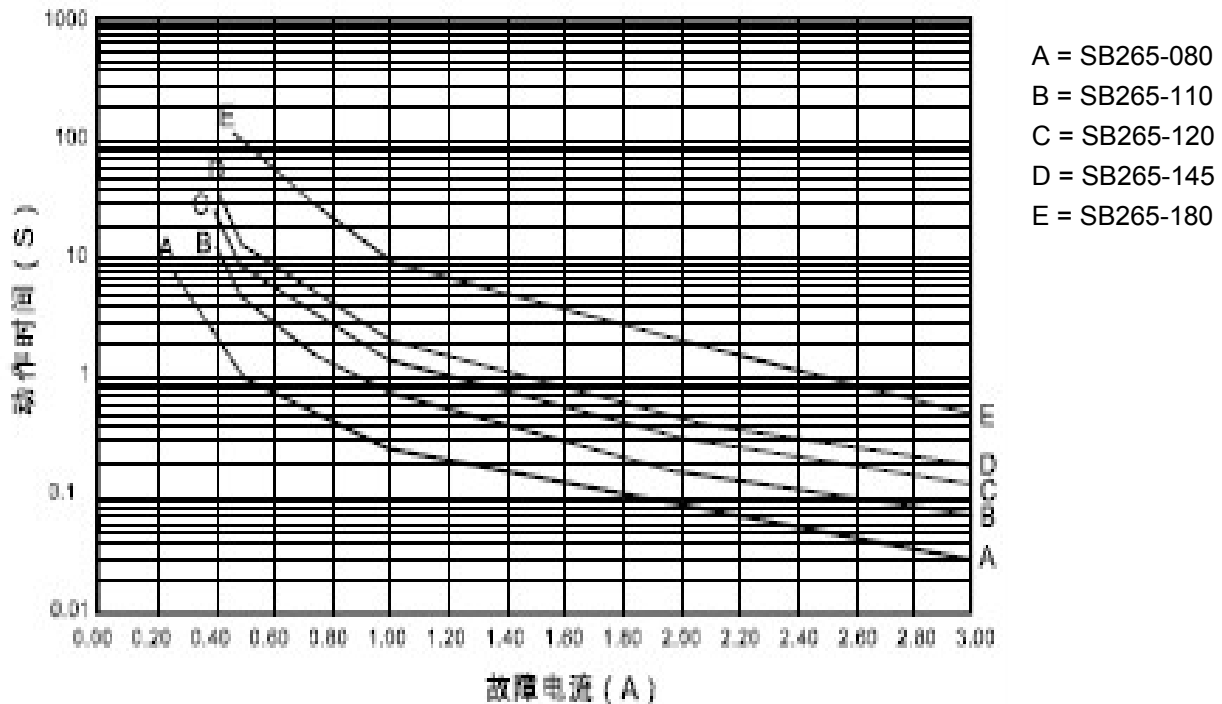
### THERMAL DERATING CHART - I<sub>H</sub>(A)

Part Number	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
SB265-120	0.165	0.143	0.120	0.099	0.088	0.077	0.066	0.050

### TEST PROCEDURES AND REQUIREMENT

Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @25℃	$R_{min} \leq R \leq R_{max}$
Time to Trip	5times, I hold, V <sub>max</sub> , 25℃	T ≤ max. Time to trip(seconds)
Hold Current	1H, AT I hold, 25℃	No trip
Trip Cycle Life	V <sub>max</sub> , I <sub>max</sub> , 100 cycles	No arcing or burning
Trip Endurance	V <sub>max</sub> , 48hours	No arcing or burning

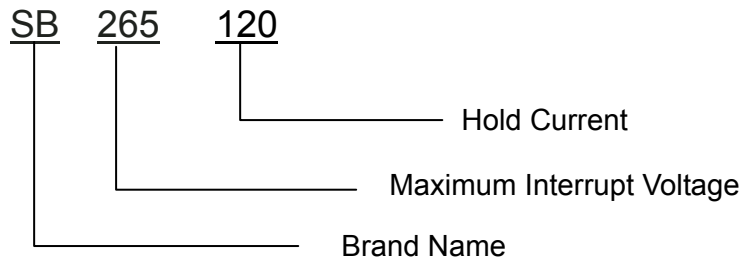
### TYPICAL TIME-TO-TRIP CHARTS @ 25℃



### STORAGE RECOMMENDATIONS

- Storage Temperature : -10 °C ~+40 °C
- Relative Humidity :70%RH
- Keep away from corrosive atmosphere and sunlight.
- Period of Storage: 1 year

## ORDERING INFORMATION



## PACKAGING

Part Number	Quantity
SB 265-120	1000

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