

FEATURE

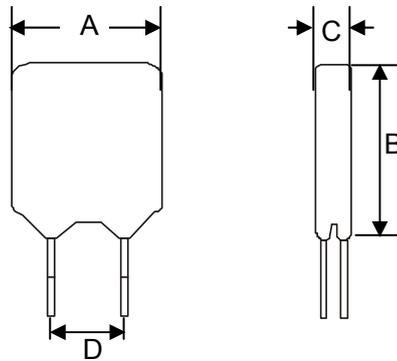
- Radial leaded devices.
- High voltage surge capabilities.
- Available in lead-free version.



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 _{max} (A)	I _h (mA)	R _{max} (Ω)	R _{min} (Ω)	Pd(W)
SB265-120	265	3	120	12	5	1.0

V_{MAX}=Maximum voltage device can withstand without damage at rated current.

I_{MAX}=Maximum fault current device can withstand without damage at rated voltage.

I_h=Hold current: maximum current at which the device will not trip at 25 still air.

R_{MAX}=Maximum device resistance at 25 prior to tripping.

R_{MIN}=Minimum device resistance at 25 prior to tripping.

Pd_{typ}=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

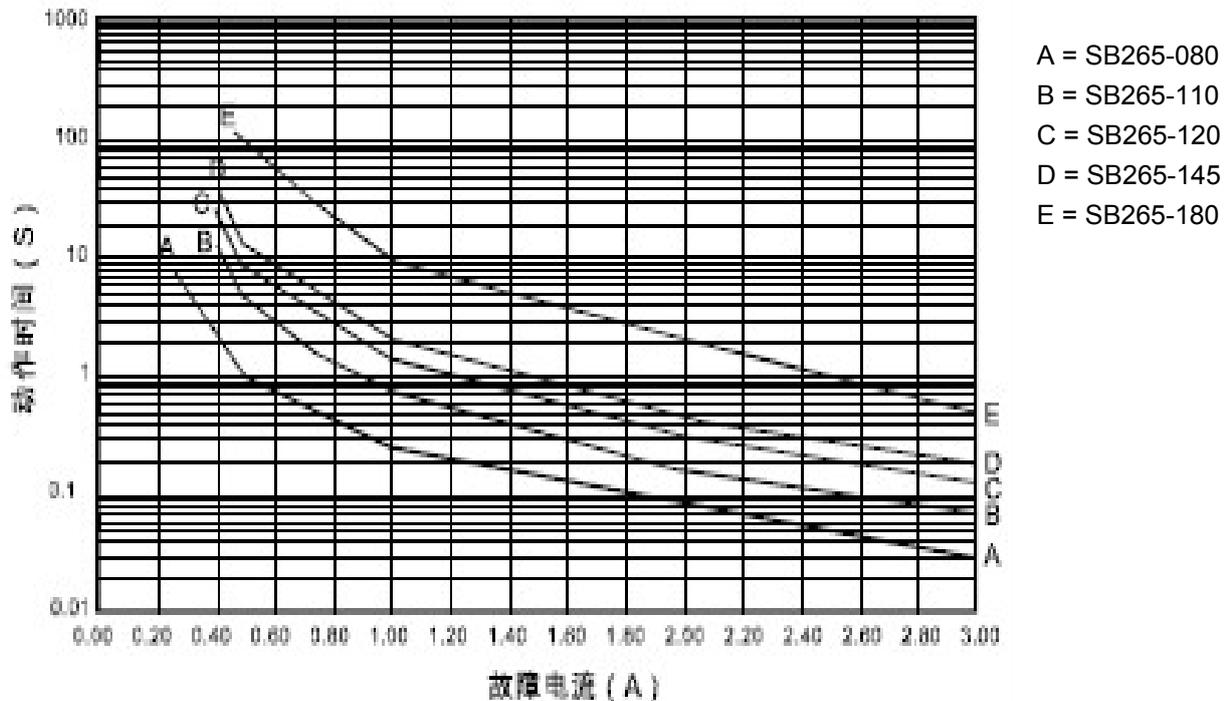
THERMAL DERATING CHART - I_H(A)

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 _{max} , 25℃	T ≤ max. Time to trip(seconds)
Hold Current	1H, AT I hold, 25℃	No trip
Trip Cycle Life	V _{max} , I _{max} , 100 cycles	No arcing or burning
Trip Endurance	V _{max} , 48hours	No arcing or burning

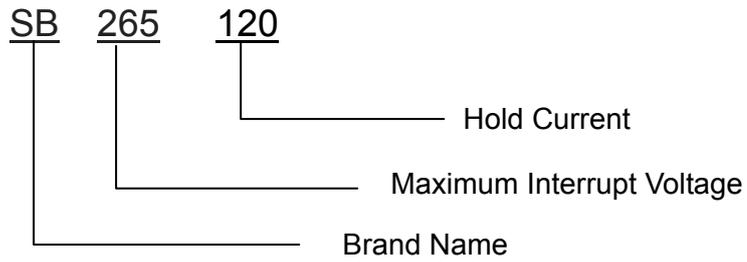
TYPICAL TIME-TO-TRIP CHARTS @ 25℃



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