

POLYMER PTC RESETTABLE FUSE

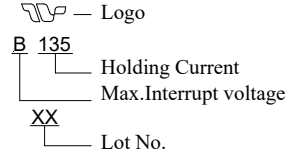
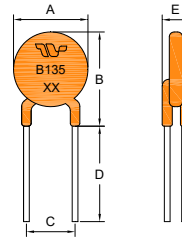


Part Number: TRB135Z

1、 Physical Dimensions

Unit:mm

Part Number	A	B	C	D	E	Lead
	Max	Max	TYP	Min	Max	Φ
TRB135Z	10.7	16.7	5.1	7.6	3.1	0.50



2、 Electrical Characteristics

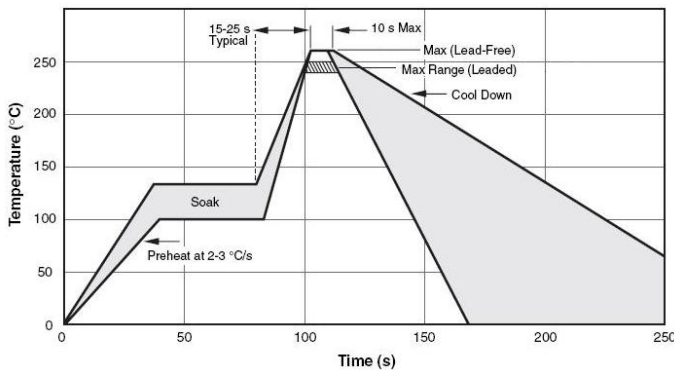
Part Number	I _H (A)	I _T (A)	V _{max} (V)	I _{max} (A)	T _{trip} (Max time to trip)		Pd _{typ} (W)	R _{min} (Ω)	R _{max} (Ω)	R1 _{max} (Ω)
					Current(A)	Time(S)				
TRB135Z	1.35	2.70	30	40	6.75	7.3	0.80	0.040	0.095	0.170

I_H: Holding Current: maximum current at which the device will not trip in 25°C still air.
 I_T: Tripping Current minimum current at which the device will trip in 25°C still air.
 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.
 T_{trip}: Maximum time to trip(s) at assigned current.
 Pd_{typ}: Rated working power.
 R_{min}: Minimum resistance of device prior to trip at 25°C.
 R_{max}: Maximum resistance of device prior to trip at 25°C.
 R1_{max}: Maximum resistance of device is measured one hours post reflow at 25°C.

3、 Thermal Derating

Part Number	Ambient Operating Temperature								
	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
TRB135Z	1.96	1.76	1.55	1.35	1.12	1.04	0.92	0.82	0.70

4、 Wave Soldering Parameters



Profile Feature	Condition
Average Ramp-Up Rate (T _{max} to TP)	4°C/second max.
Preheat	
-Temperature Min (T _{min})	100°C
-Temperature Max (T _{max})	125°C
-Time (T _{min} to T _{max})	60-180 seconds
Peak Temperature (TP)	265°C
Max Time at Peak Temperature (t _P)	5 seconds
Ramp-Down Rate	6 °C /second max.
Time 25°C to Peak Temperature	5 minutes max.
Storage Condition	0°C ~35°C, ≦70%RH, 2 Years

5、 Package Information

Packing quantity: 1000pcs/bag

Tape and Reel : 2000 pcs/reel

Tape and Reel Specifications: Devices taped using EIA468-B/IEC286-2 standards.

6、 Agency Recognition:



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.

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