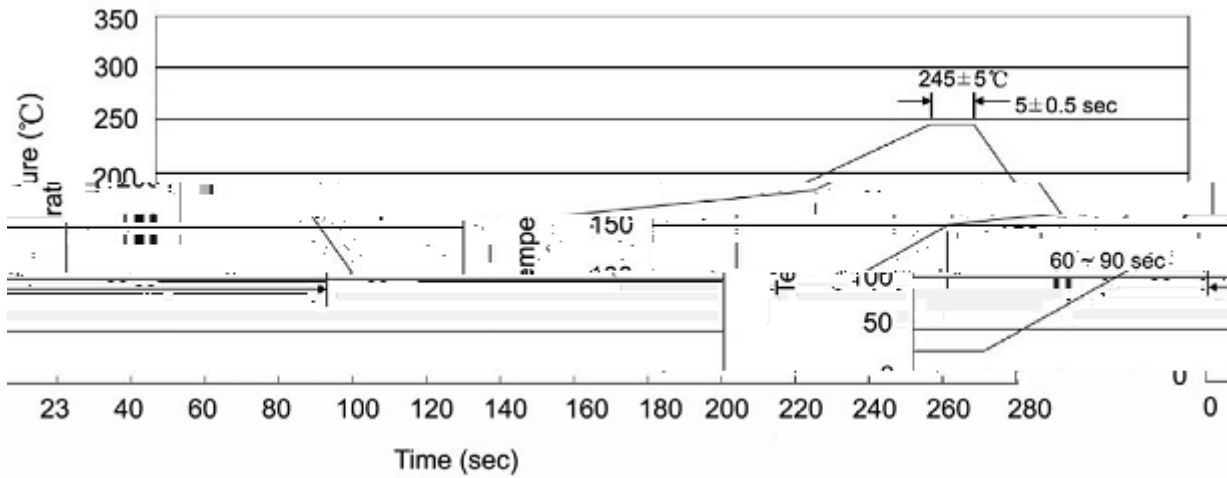


Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	100	V
Emitter to Base Voltage	V_{EBO}	5	V
Collector Current - Continuous	I_C	6	A
Peak Collector Current	I_{CP}	10	A
Base Current - Continuous	I_B	2	A
Collector Power Dissipation	P_C	2	W
Collector Power Dissipation	$P_C (T_c=25^\circ C)$	65	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{sag}	-55 ~ 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage						V

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and a cross-section. The drawing includes a top view and a side view. Dimensions are labeled: D (total width), A (width of the top flange), B (width of the base), C (width of the base), and e2 (distance from the base to the center of the top flange). The drawing is labeled "DIMENSIONS IN MILLIMETERS" and "DIMENSIONS IN INCHES".

() / Temperature Profile for Dip Soldering(Pb-Free)



注意

1. 预加热: 25~150 °C, 时间: 60~90sec;
2. 峰值温度: 245±5 °C, 持续时间: 5±0.5sec;
3. 冷却速度: 2~10 °C/sec.

Note:

- 1.Preheating:25~150 °C, Time:60~90sec.
- 2.Peak Temp.:245±5 °C, Duration:5±0.5sec.
3. Cooling Speed: 2~10 °C/sec.

/ Resistance to Soldering Heat Test Conditions

温度: 260±5 °C, 时间: 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

卷带 / REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
TO-263	800	1	800	5	4,000	13 ×24	360×360×50	385×257×392

管装 / TUBE

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
TO-263	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

/ Notices