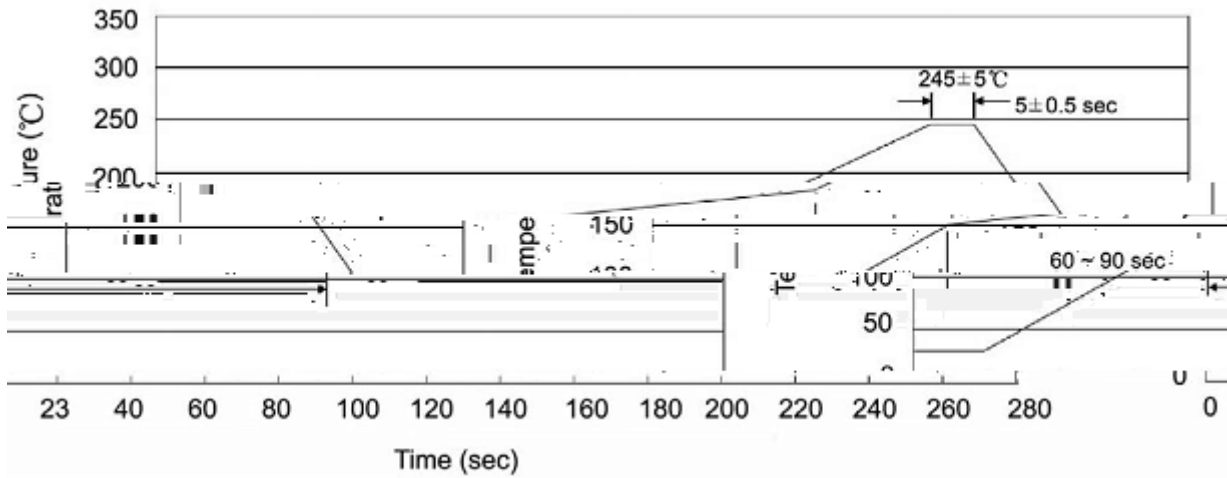


Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	100	V
Emitter to Base Voltage	V_{EBO}	5	V
Collector Current - Continuous	I_C	6	A
Peak Collector Current	I_{CP}	10	A
Base Current - Continuous	I_B	2	A
Collector Power Dissipation	P_C	2	W
Collector 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 shaft or rod, showing dimensions and tolerances. The drawing includes a cross-section view with dimensions D , A , and $e2$, and a longitudinal section view with dimensions B , C , and R . 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

□ 预加热: 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

□ 管状 / 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