

[illegible]

/ Descriptions

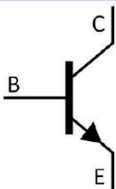
TO-252 NPN

/ Features

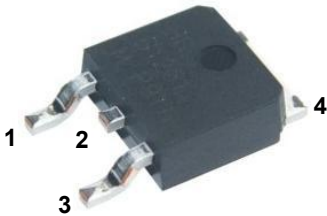
AEC-Q101

/ Applications

/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking

	℃		
			℃
		~	℃

/ Electrical Characteristic Curve

Fig. 1 - Static Characteristics

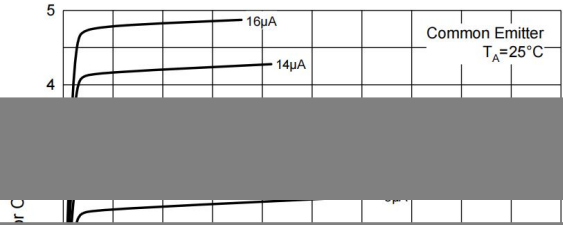


Fig. 2 - DC Current Gain Characteristics

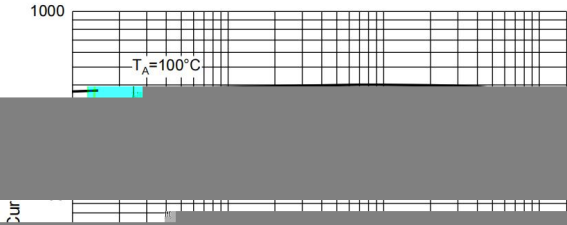


Fig. 3 - Collector-Emitter Saturation



Fig. 5 - Base-Emitter Voltage Characteristics

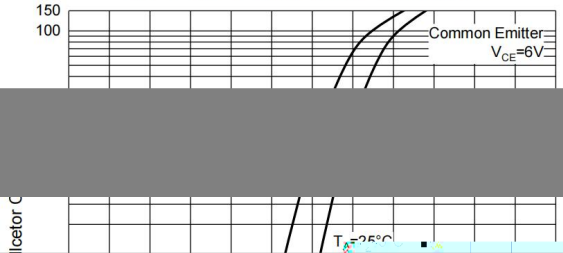
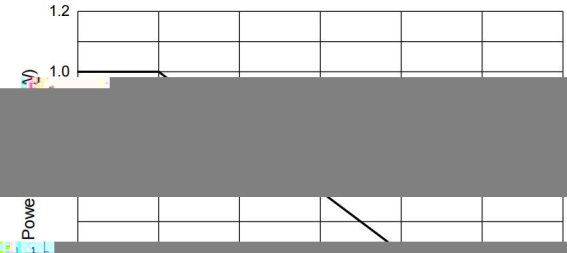
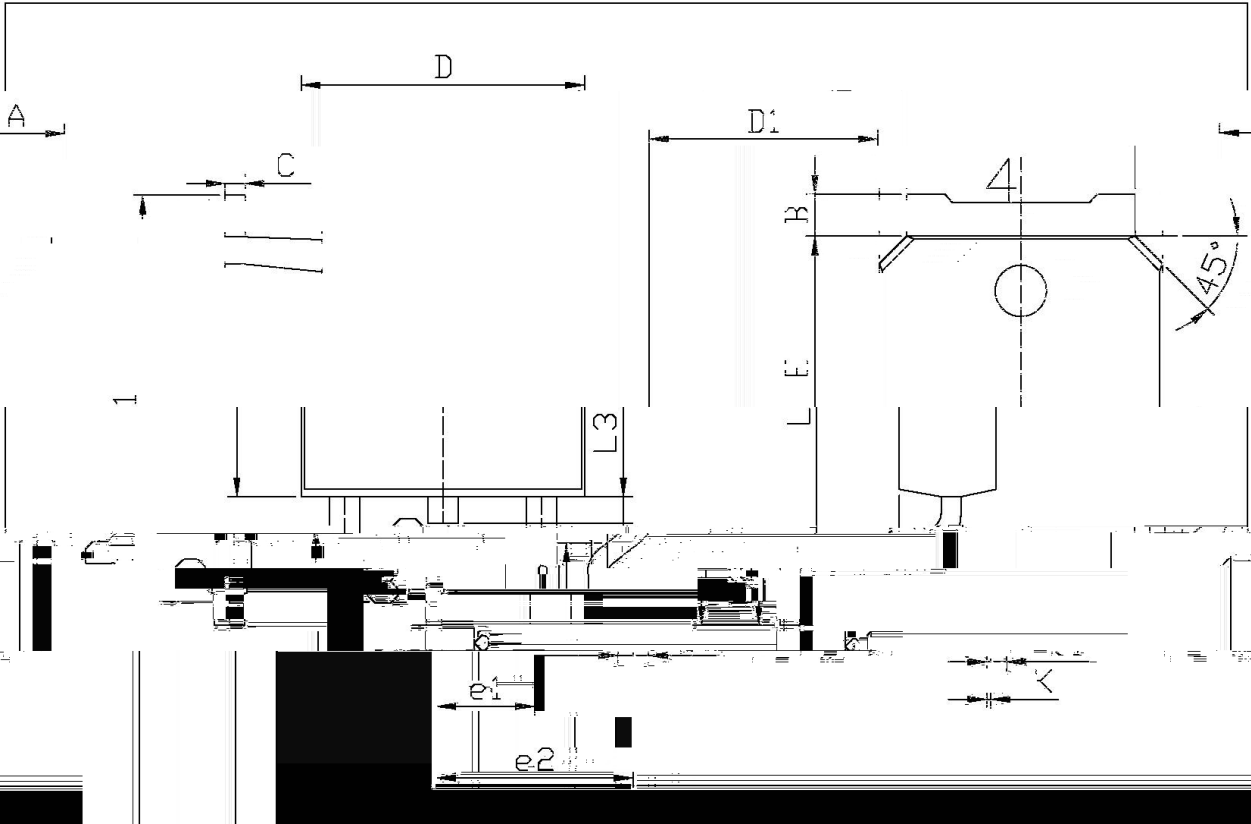


Fig. 6 - Collector Power Derating Curve



/ Package Dimensions

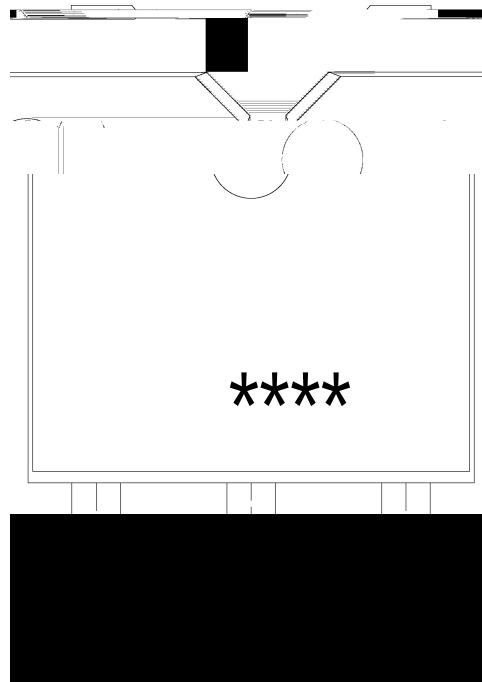


单位：mm

Dimensions in millimeters			Dimensions in millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	2.20	2.40	L	9.85	10.35
B	0.95	1.25	L3	0.45	0.60
C	0.70	0.90	K	0.10	0.10
D	0.45	0.55	e1	2.24	2.34
D1	0.45	0.55	e2	4.43	4.73
E	0.90	0.90			
L	0.45	0.55			
L3	0.45	0.60			
K	0.10	0.10			
e1	2.24	2.34			
e2	4.43	4.73			

T0-252

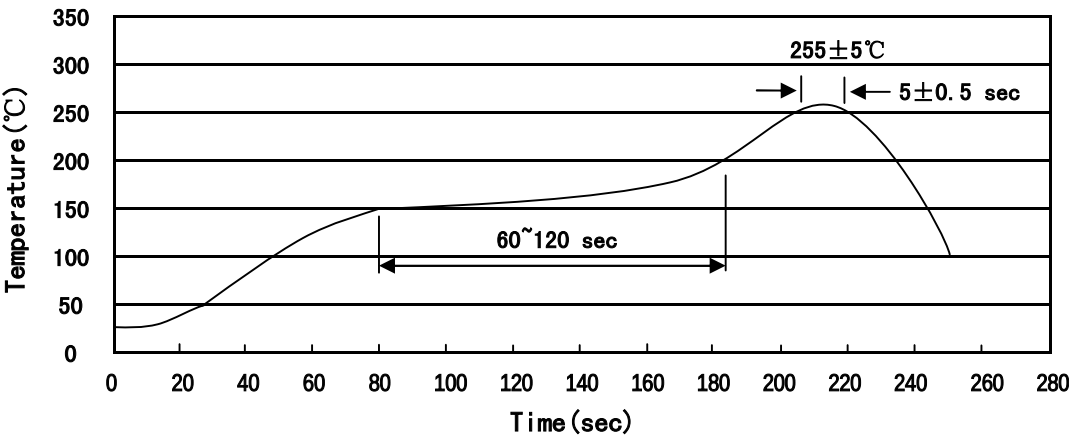
/ Marking Instructions



D1815

R:

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



说明：

- 、预热温度 ~ °C，时间 ~ °C
- 、峰值温度 ± °C，时间持续为 ± °C ± °C
- 、焊接制程冷却速度为 ~ °C °C

/ Resistance to Soldering Heat Test Conditions

温度： ± °C 时间： ± °C

/ Packaging SPEC.

卷盘包装

	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
TO-252	2,500	2	5,000	6	30,000	13" ×16	360×360×50	380×335×366

套管包装

	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube	Inner Box	Outer Box
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

/ Notices