

/ Revised record

E	2016-5				
F	2020-4-27	1			
A	2021-12-17	all	BR Q 4R Q AEC-Q101 , Q 245±5°C 5±0.5sec 255±5°C 5± 0.5sec		

/ Descriptions

TO-252 塑封封装 PNP 半导体三极管。

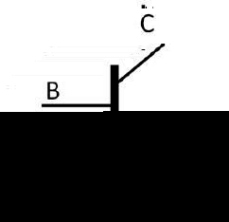
/ Features

饱和压降小， h_{FE} 高且线性好，符合 AEC-Q101 标准高可靠性要求，无卤产品。

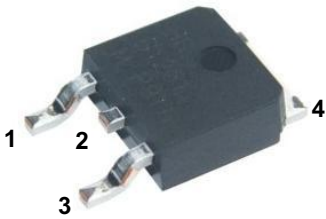
/ Applications

用于 3 瓦音频放大输出，电压调节器，电源转换和继电器驱动，满足汽车应用的严格要求。

/ Equivalent Circuit



/ Pinning



: : :

/ h_{FE} Classifications & Marking

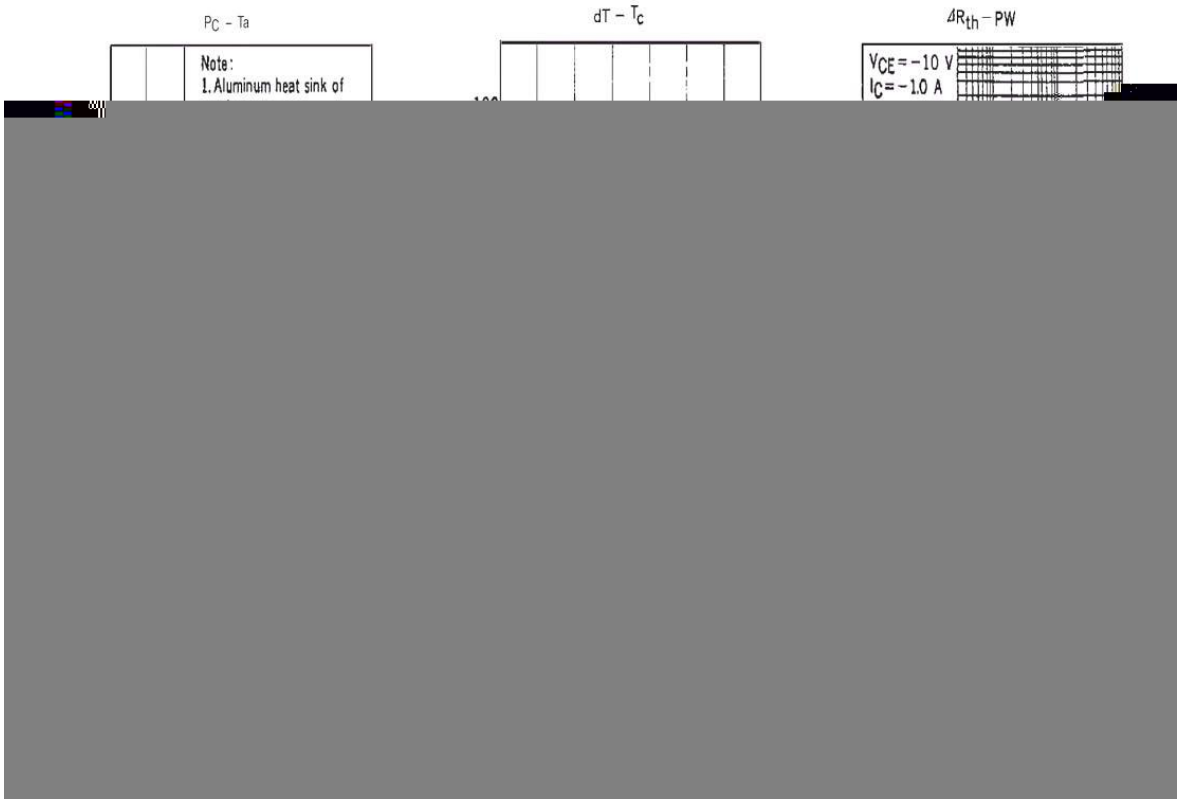
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/ Absolute Maximum Ratings(Ta=25)

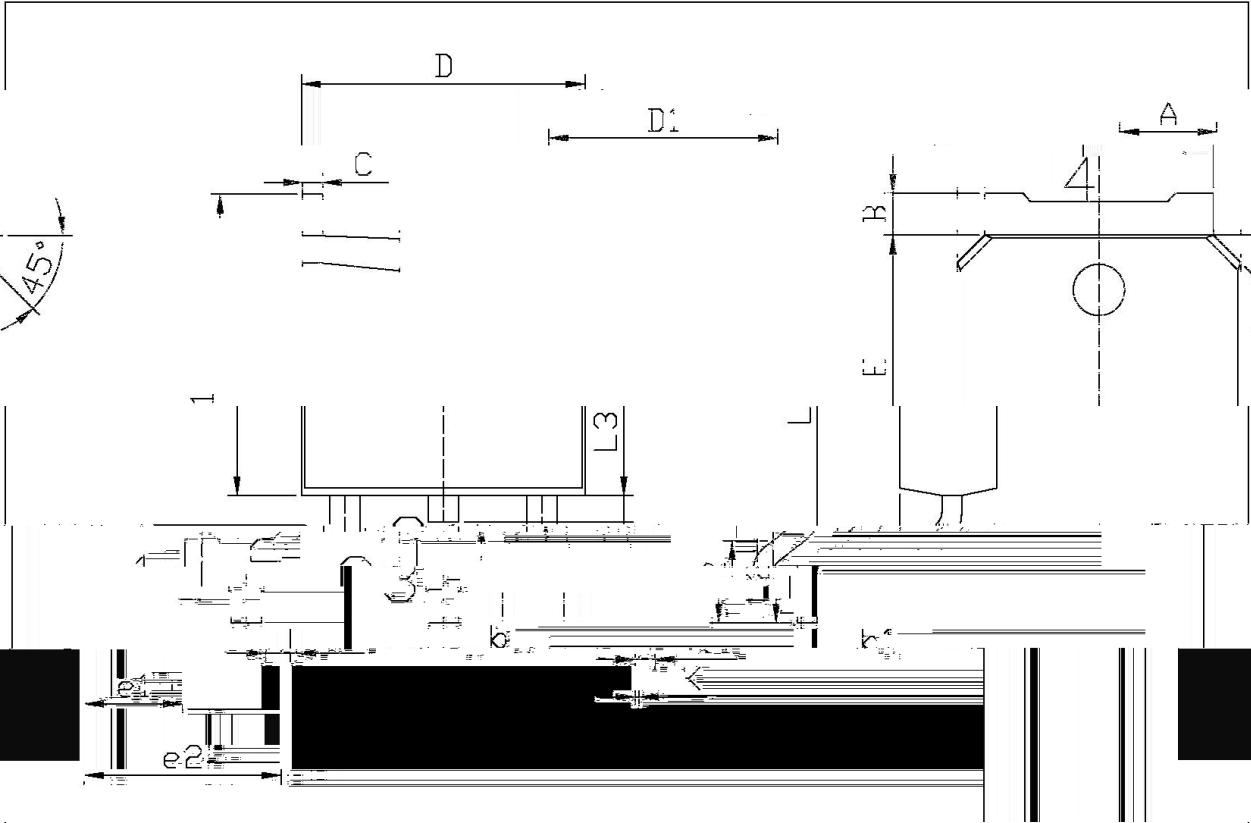
	℃		
			℃
		~	℃

/ Electrical Characteristics(Ta=25)

/ Electrical Characteristic Curve



/ Package Dimensions

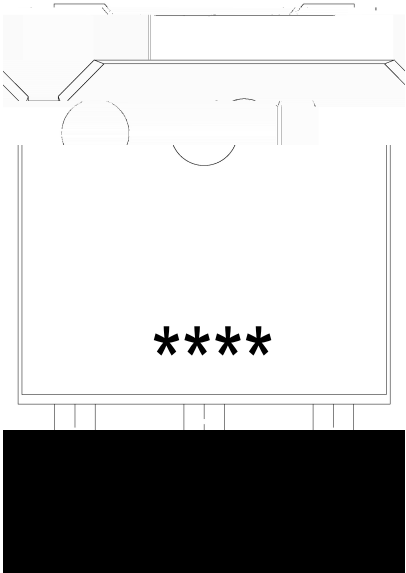


单位: mm

Dimensions		Dimensions		Dimensions	
Symbol	Min	Max	Symbol	Min	Max
E	85.55	95.25	A	3.30	4.00
e1	2.24	2.34	B	0.95	1.25
e2	4.43	4.73	b1	0.70	0.90
L1	9.85	10.35	b1	0.45	0.55
0.60	0.90		D	6.45	6.75
0.00	0.10		D1	5.10	5.50

T0-252

/ Marking Instructions

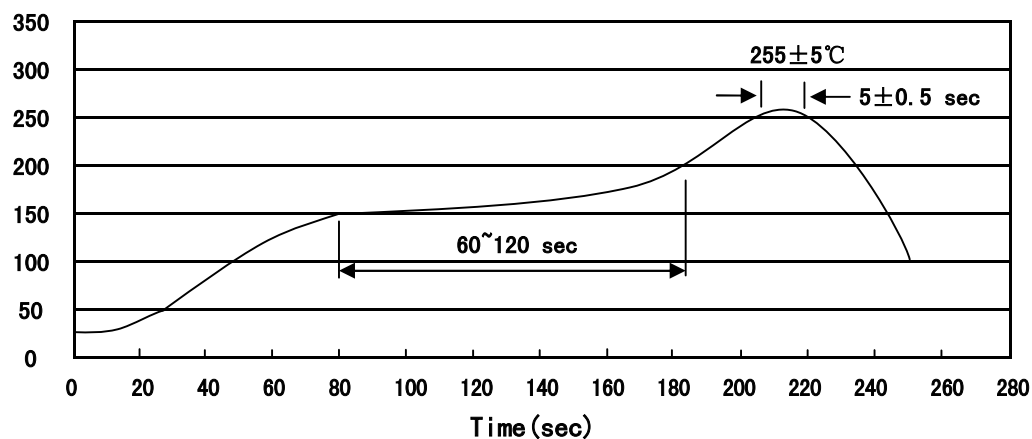


BR

B772D

P: h

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


$$\begin{array}{ccccccc} & & & & ^\circ\text{C} & & \\ \pm & & \pm & & \pm & ^\circ\text{C} & \pm \\ & ^\circ\text{C} & & & & ^\circ\text{C} & \end{array}$$

/ Resistance to Soldering Heat Test Conditions

$$\pm \text{ }^{\circ}\text{C} \qquad \qquad \qquad \pm \qquad \qquad \qquad \text{ }^{\circ}\text{C}$$
/ **Packaging SPEC.**

封装形式	包装数量					包装尺寸		
	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 盒	Outer Box 箱
TO-252	2,500	2	5,000	6	30,000	13" ×16	360×360×50	380×335×366

封装形式	包装数量					包装尺寸		
	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 套管	Inner Box 盒	Outer Box 箱
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

/ Notices