

/ Descriptions

WR0585 M M E SQS æ M y s ll 1 Silicon PNP transistor in a TO-252 Plastic Package.

/ Features

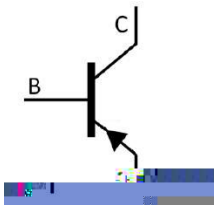
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High voltage.

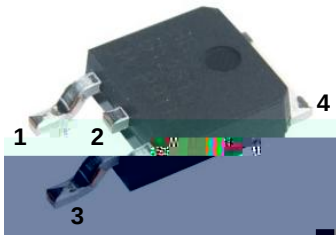
/ Applications

High voltage control circuit.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2,4 χ Collector PIN 3 χ Emitter

/ hFE Classifications & Marking

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MPSA94D

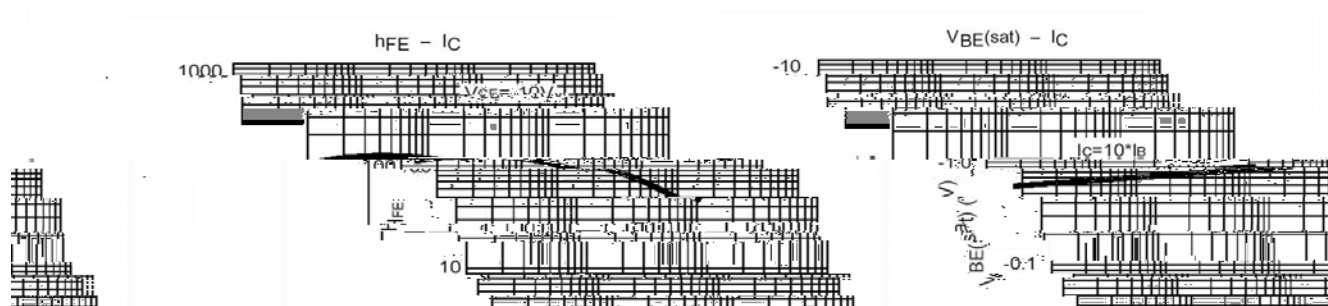
Rev.A Jun.-2016



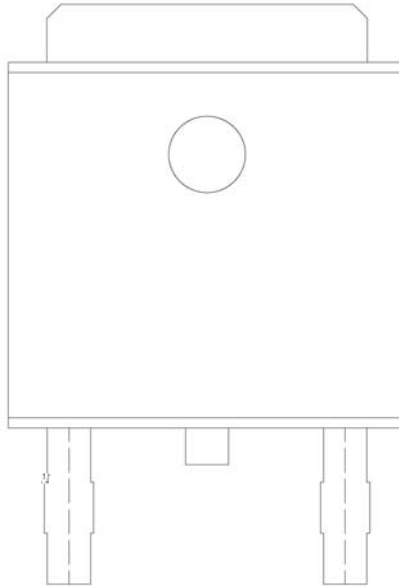
DATA SHEET

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-400	V
Collector to Emitter Voltage	V_{CEO}	-400	V
Emitter to Base Voltage	V_{EBO}		

/ Electrical Characteristic Curve



/ Marking Instructions



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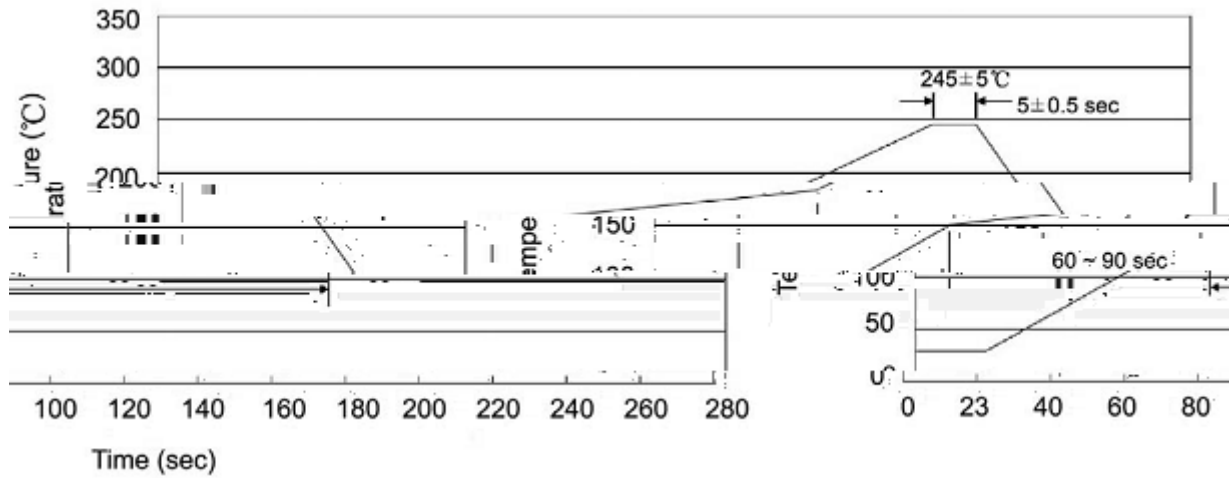
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() / Temperature Profile for IR Reflow Soldering(Pb-Free)



℃

1. 150℃ ~ 245℃, Time: 60 ~ 90sec;
2. 245±5℃, Duration: 5±0.5sec;
3. Cooling Speed: 2~10℃/sec.

Note:

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

/ Resistance to Soldering Heat Test Conditions

260±5℃, Time: 10±1 sec. Temp.: 260±5 Time: 10±1 sec

/ Packaging SPEC.

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-252	2,500	2	5,000	5	25,000	13 × 16	360×360×50	385×257×392

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-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180