

A	2021-12-11	ALL	BRD100N03 Ver.D TO-252#		

/ Descriptions

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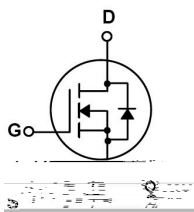
/ Features

100

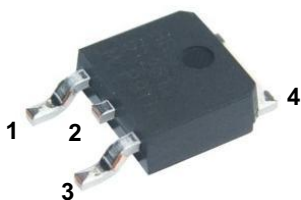
/ Applications

[illegible]

/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking

11

/ Absolute Maximum Ratings(Ta=25)

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/ Electrical Characteristics(Ta=25)

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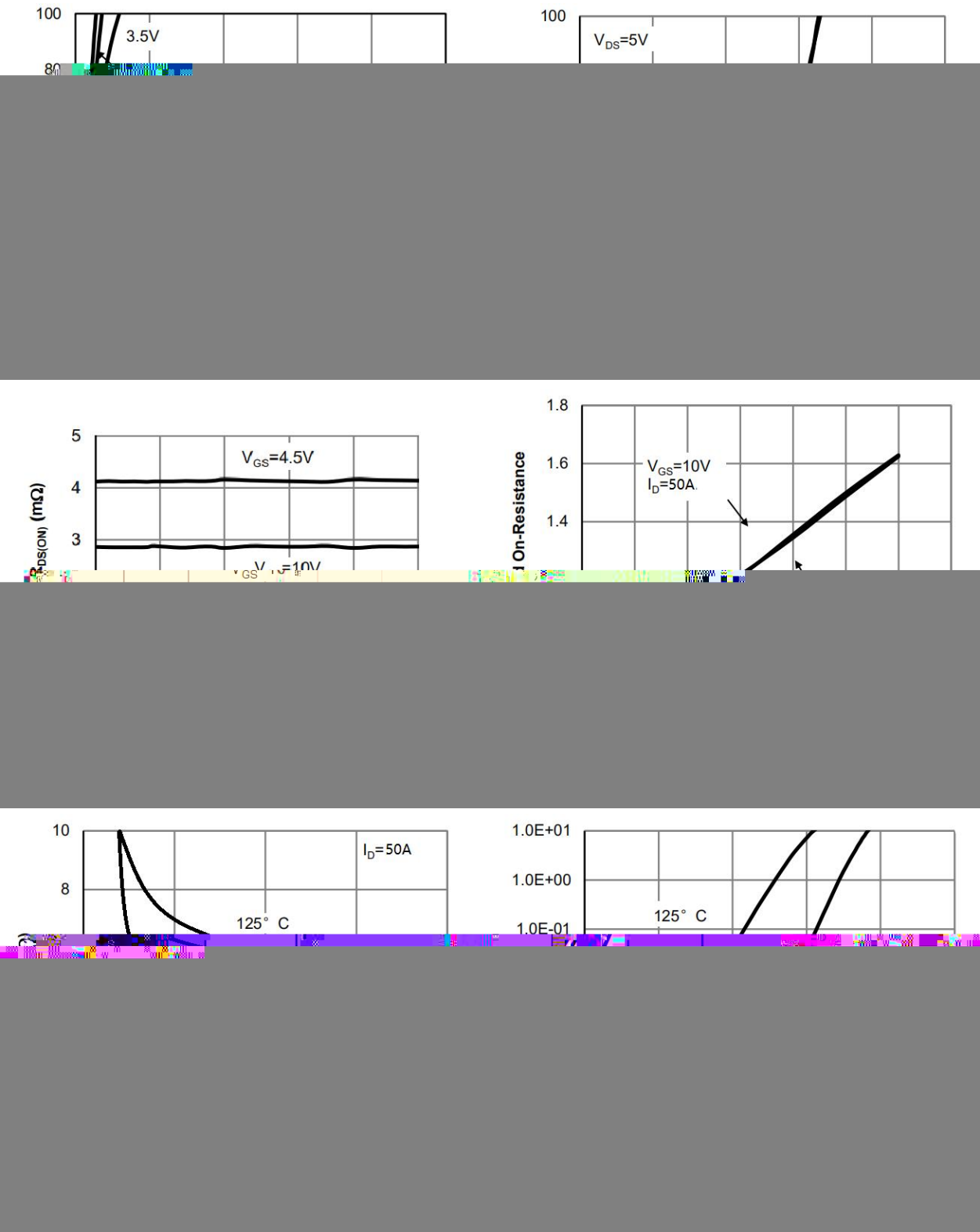
BRD100N03

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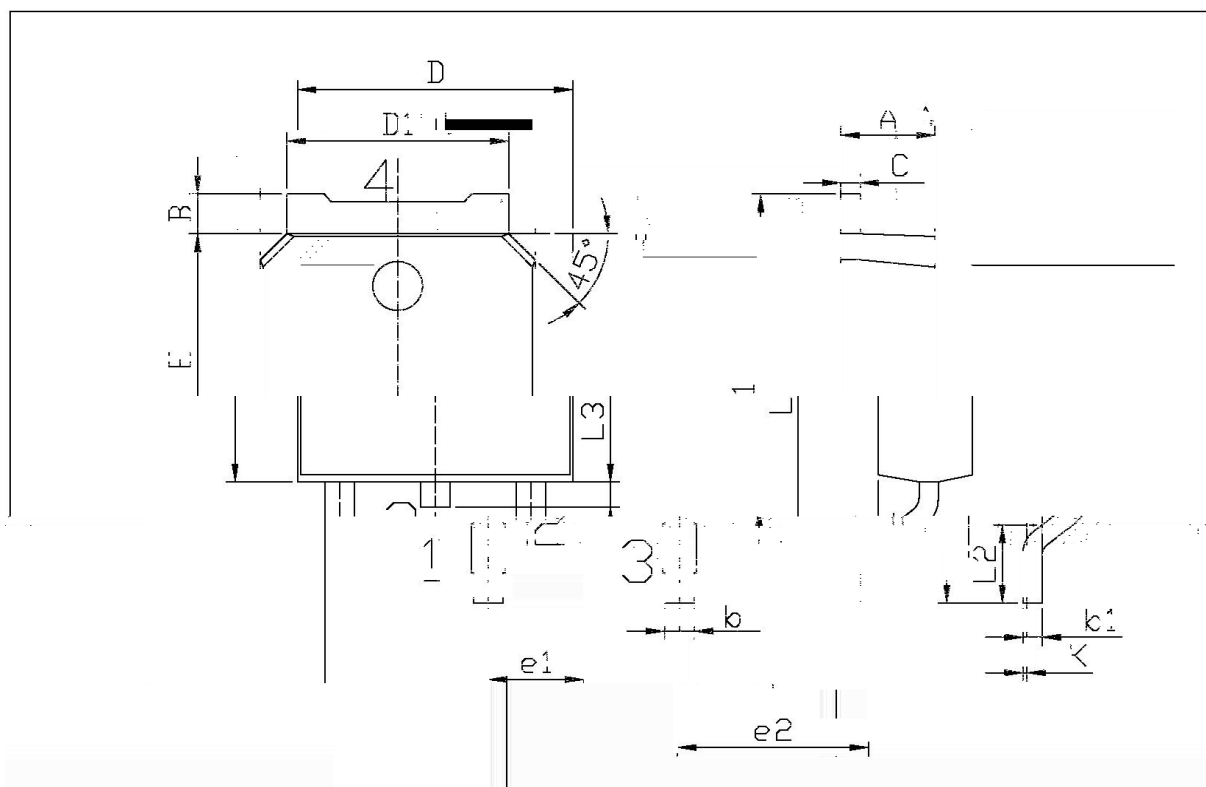
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/ Electrical Characteristic Curve



BRD100N03

/ Package Dimensions



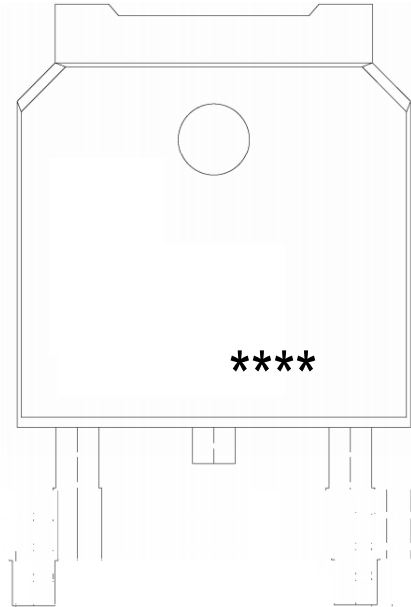
单位: mm

Sample	Parameter	Value	Unit
Sample 1	Mean	5.95	mm
	Stdev	6.25	mm
	Min	2.20	mm
	Max	2.40	mm
Sample 2	Mean	2.24	mm
	Stdev	2.34	mm
	Min	0.95	mm
	Max	1.25	mm
Sample 3	Mean	4.73	mm
	Stdev	4.73	mm
	Min	2.40	mm
	Max	0.70	mm
Sample 4	Mean	9.85	mm
	Stdev	10.35	mm
	Min	5.1	mm
	Max	0.45	mm
Sample 5	Mean	2.00	mm
	Stdev	6.45	mm
	Min	0.45	mm
	Max	0.55	mm
Sample 6	Mean	6.45	mm
	Stdev	6.75	mm
	Min	0.90	mm
	Max	0.60	mm
Sample 7	Mean	5.10	mm
	Stdev	5.50	mm
	Min	0.00	mm
	Max	0.00	mm

- 252

ТН.

/ Marking Instructions



说明：

： 为公司代码

100N03： 为型号代码

****： 为生产批号代码，随生产批号变化。

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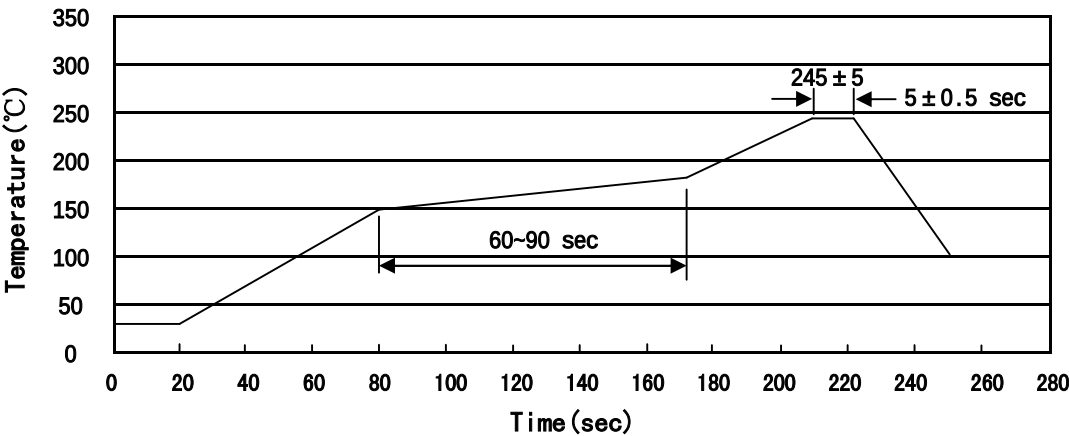
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() / Temperature Profile for IR Reflow Soldering(Pb-Free)



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□ □ °C □ □

± □ ± °C ± □

°C □ □ □ °C □

/ Resistance to Soldering Heat Test Conditions

± °C ± □ □ °C □ □

/ Packaging SPEC.

□ □ 封装形式	包装数量					□ 包装尺寸 :		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	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