

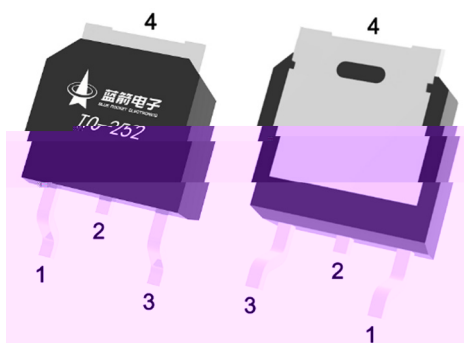
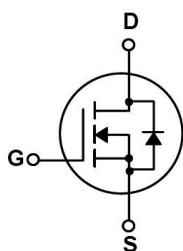
Rev.A Feb.-2024

TO-252 N MOS

N-CHANNEL MOSFET in a TO-252 Plastic Package.

Low gate charge, low crss, fast switching, HF Product. Have good Electromagnetic Interference performance, HF Product.

These devices are well suited for power switch circuit of adaptor and charger.



PIN1 G

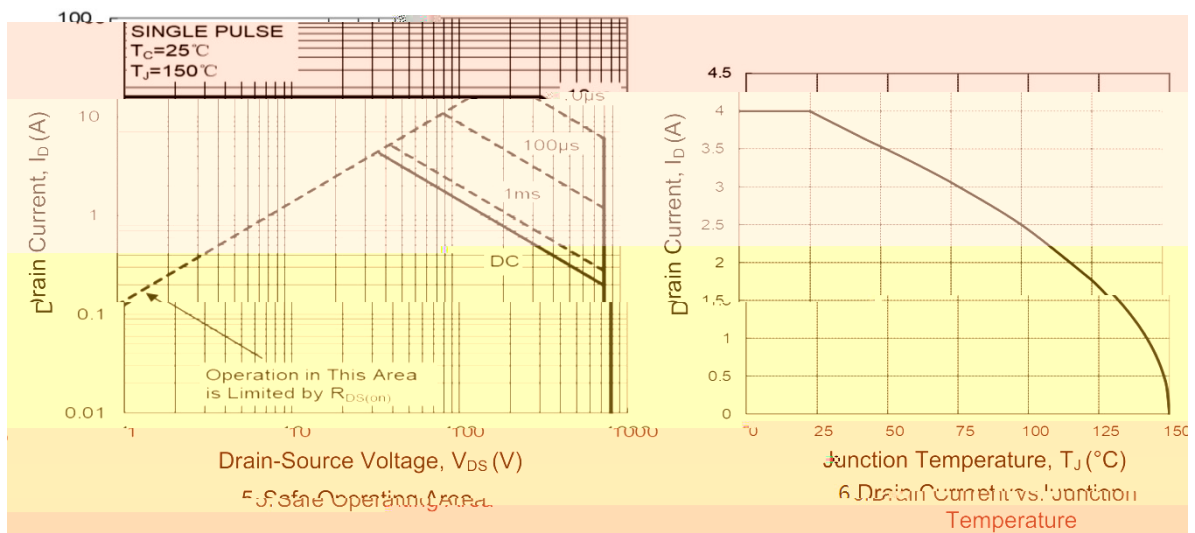
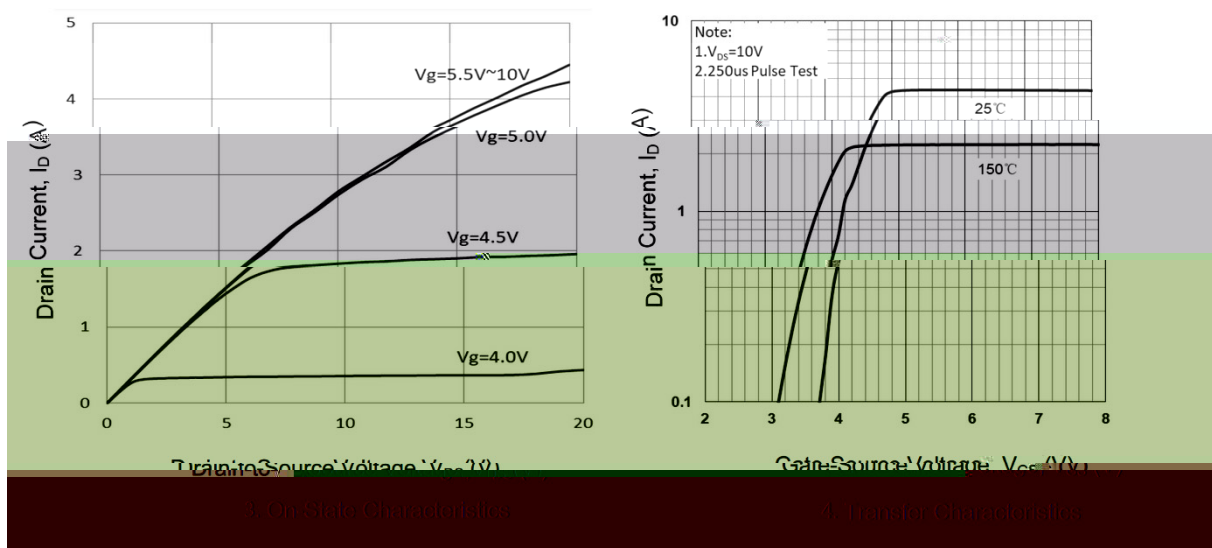
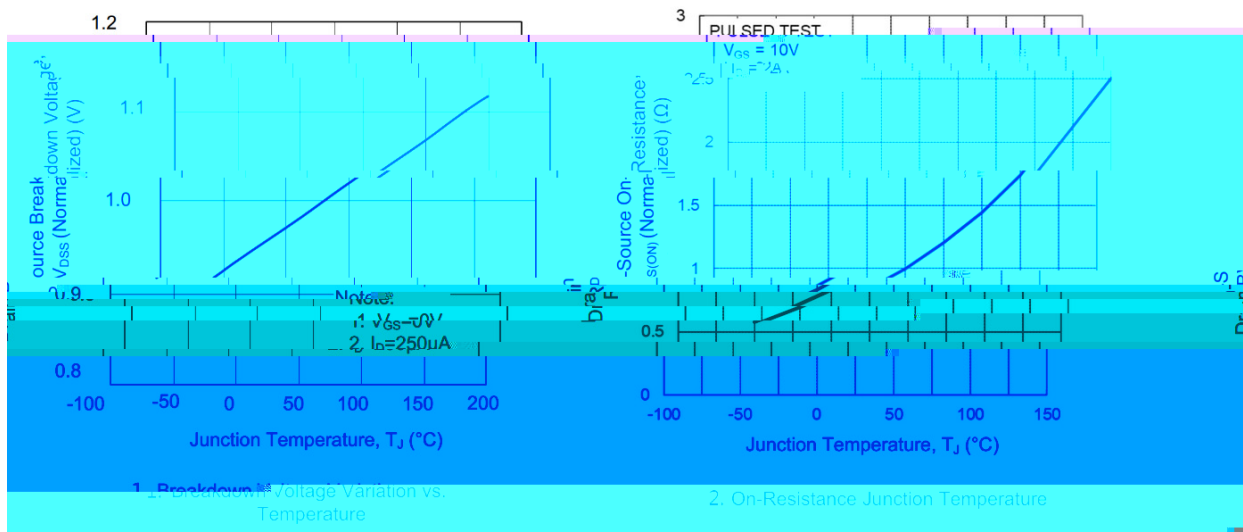
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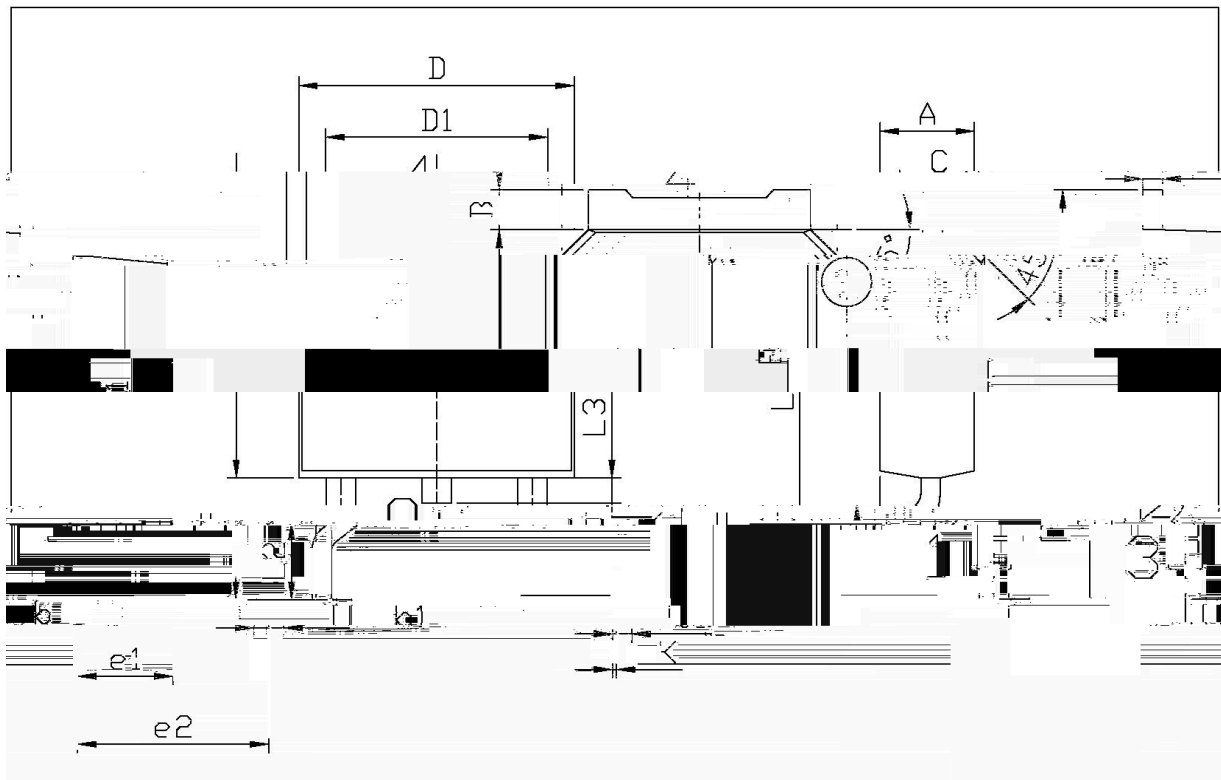
PIN 3 S

PIN 4 D

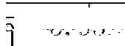
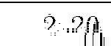
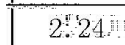
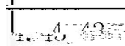
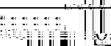
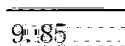
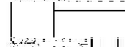
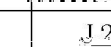
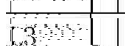
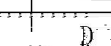
See Marking Instructions.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	td(on)	V _{DD} =400V I _D =4.0A V _{GS} =10V R _G =10Ω		14		ns
Turn-On Rise Time	tr			12		
Turn-Off Delay Time	td(off)			24		
Turn-Off Fall Time	tf			18		
Maximum Continuous Drain-Source Diode Forward Current	I _s					



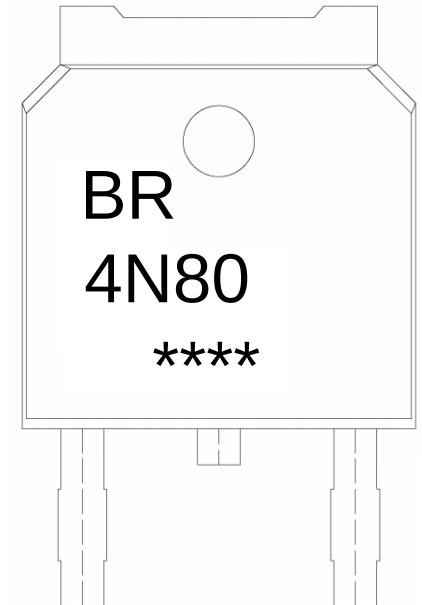


单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
	6.25	0.20		2.20	2.40
	2.24	2.34		0.95	1.25
	4.43	0.72		0.70	0.90
	9.85	10.35		0.45	0.55
	0.45	0.55		1.70	2.00
	0.60	0.90		16.45	6.75
	50	0.00		0.10	0.10

□-252

T



BR

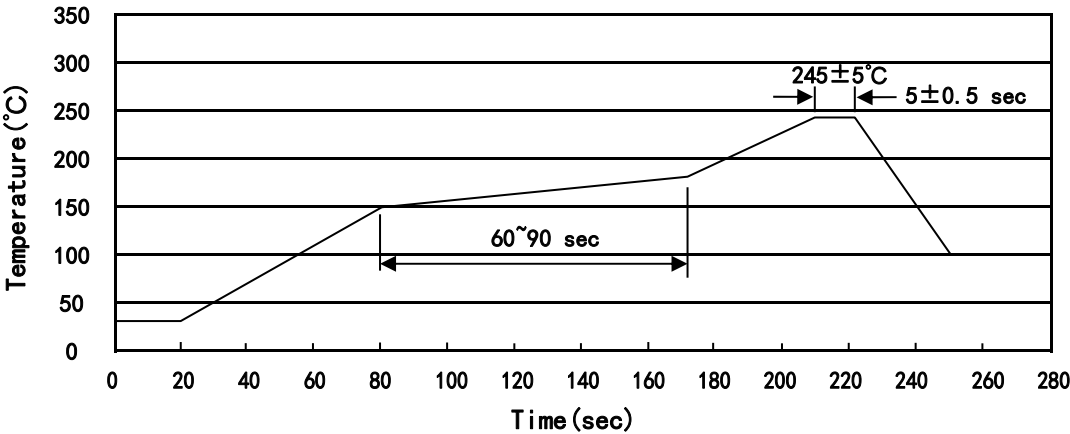
4N80

Note:

BR: Company Code

4N80: Product Type Code

****: Lot No. Code, code change with Lot No



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱
TO-252	2,500	2	5,000	6	30,000	13" ×16	360×360×50	380×335×366

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180