

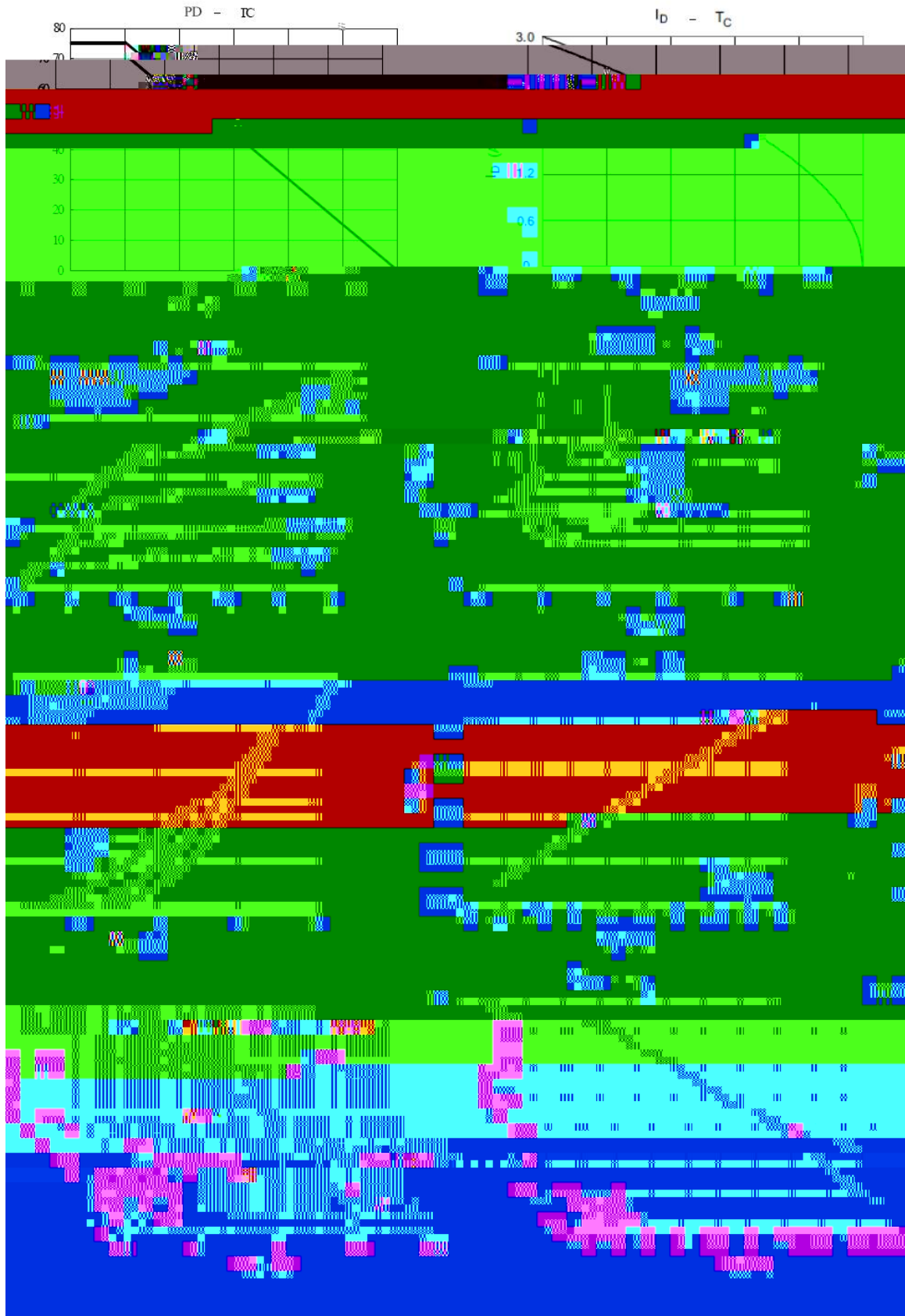
TO-251          N          MOS          N-CHANNEL MOSFET in a TO-251 Plastic Package.

#          #  
Low gate charge, low crss, fast switching.

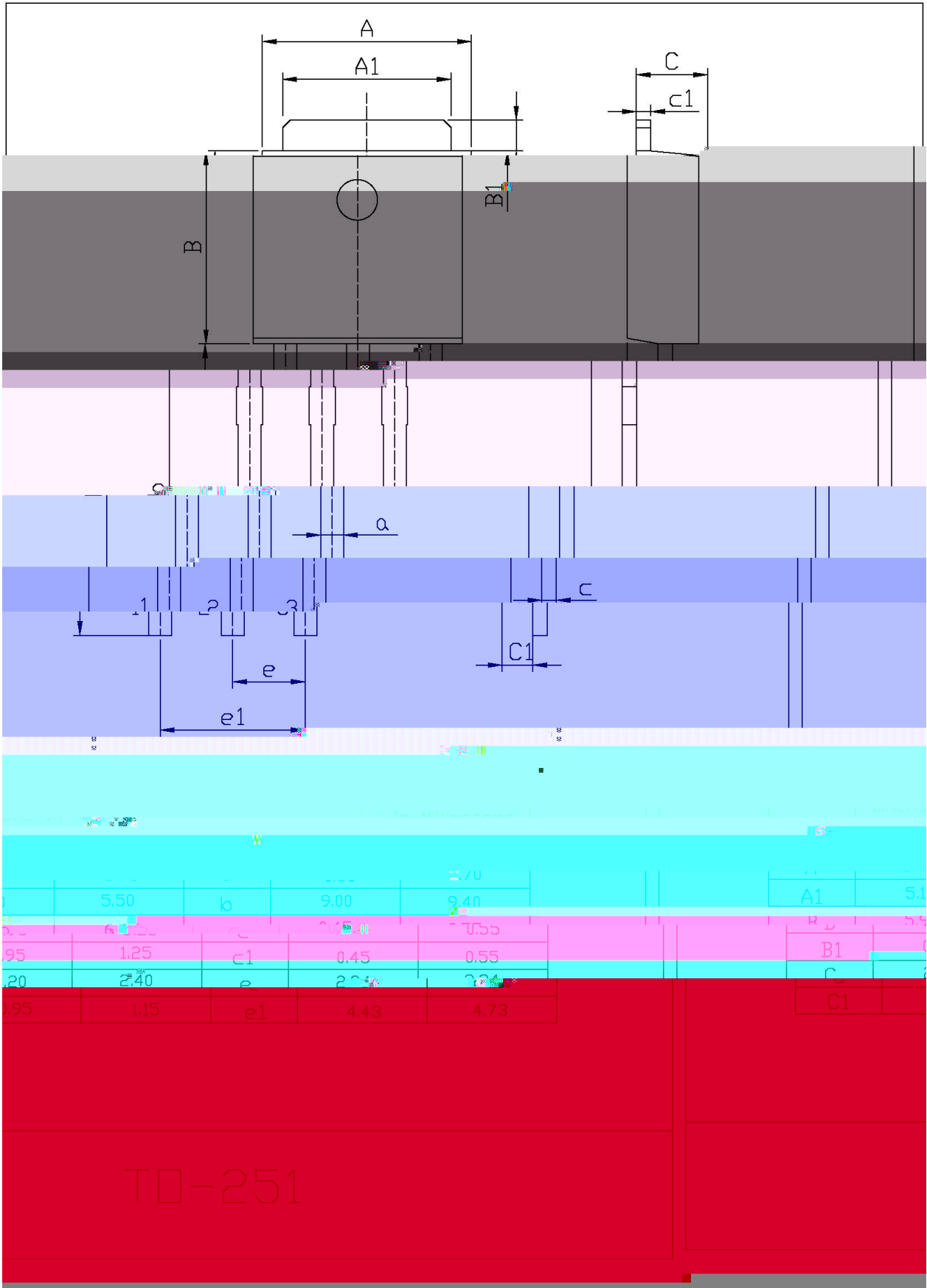
; : & : '  
These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DSS}$	800	V

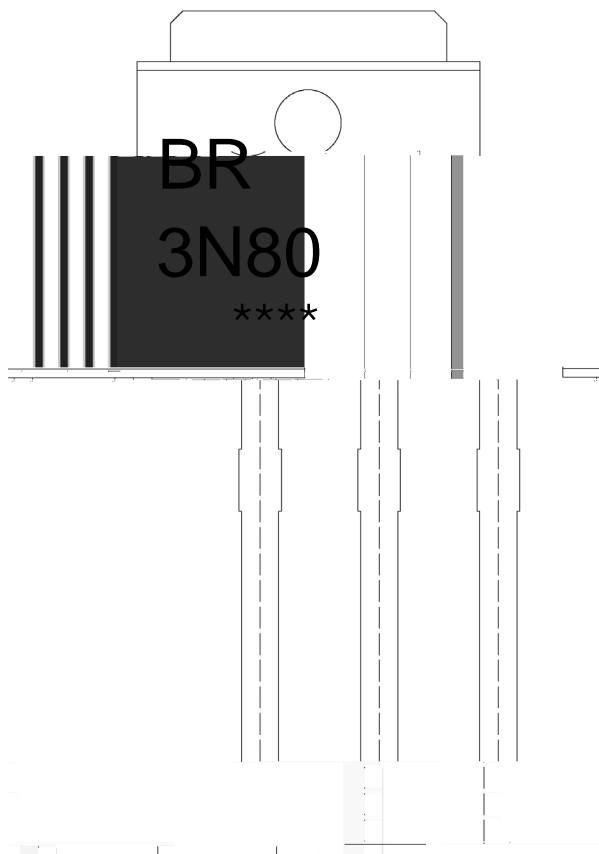
/ Electrical Characteristic Curve



**/ Package Dimensions**



**/ Marking Instructions**



BR

\*E /'

!!!!

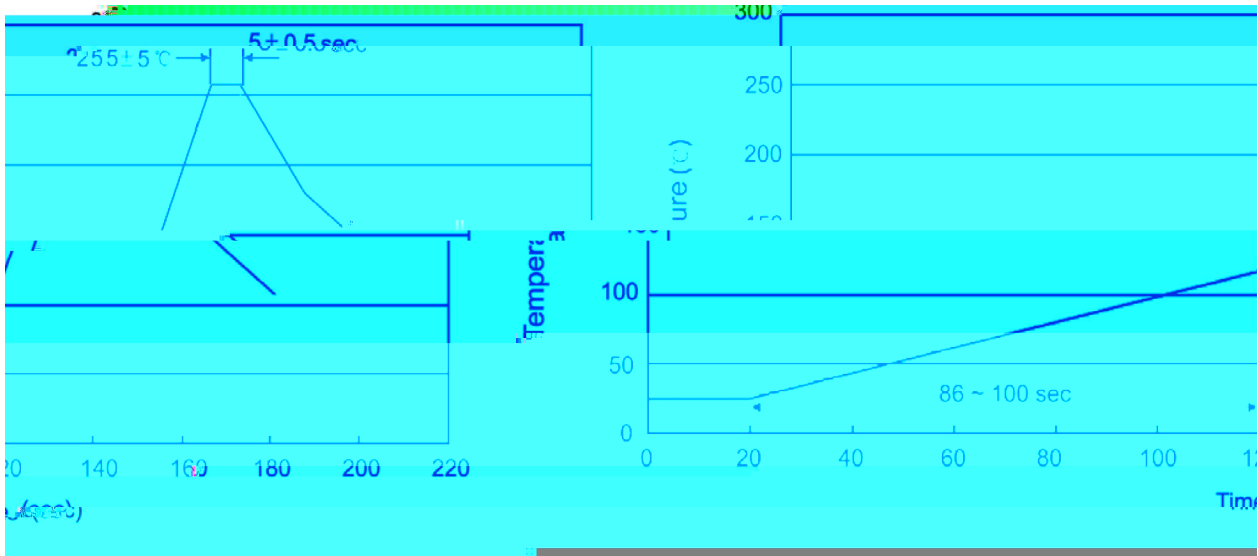
Note:

BR: Company Code

3N80: Product Type.

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

( ) / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- |   |        |     |            |        |   |
|---|--------|-----|------------|--------|---|
| 1 | 25     | 150 | 60         | 90sec; | 1.Preheating:25~150 , Time:60~90sec.      |
| 2 | 255..5 |     | 5..0.5sec; |        | 2.Peak Temp.:255..5 , Duration:5..0.5sec. |
| 3 |        | 2   | 10         | /sec.  | 3. Cooling Speed: 2~10 /sec.              |

/ Resistance to Soldering Heat Test Conditions

270..5                      10..1 sec.                      Temp.:270±5                      Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包					Dimension 包尺寸 (unit: mm <sup>3</sup> )		
	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-251	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195

/ TUBE