

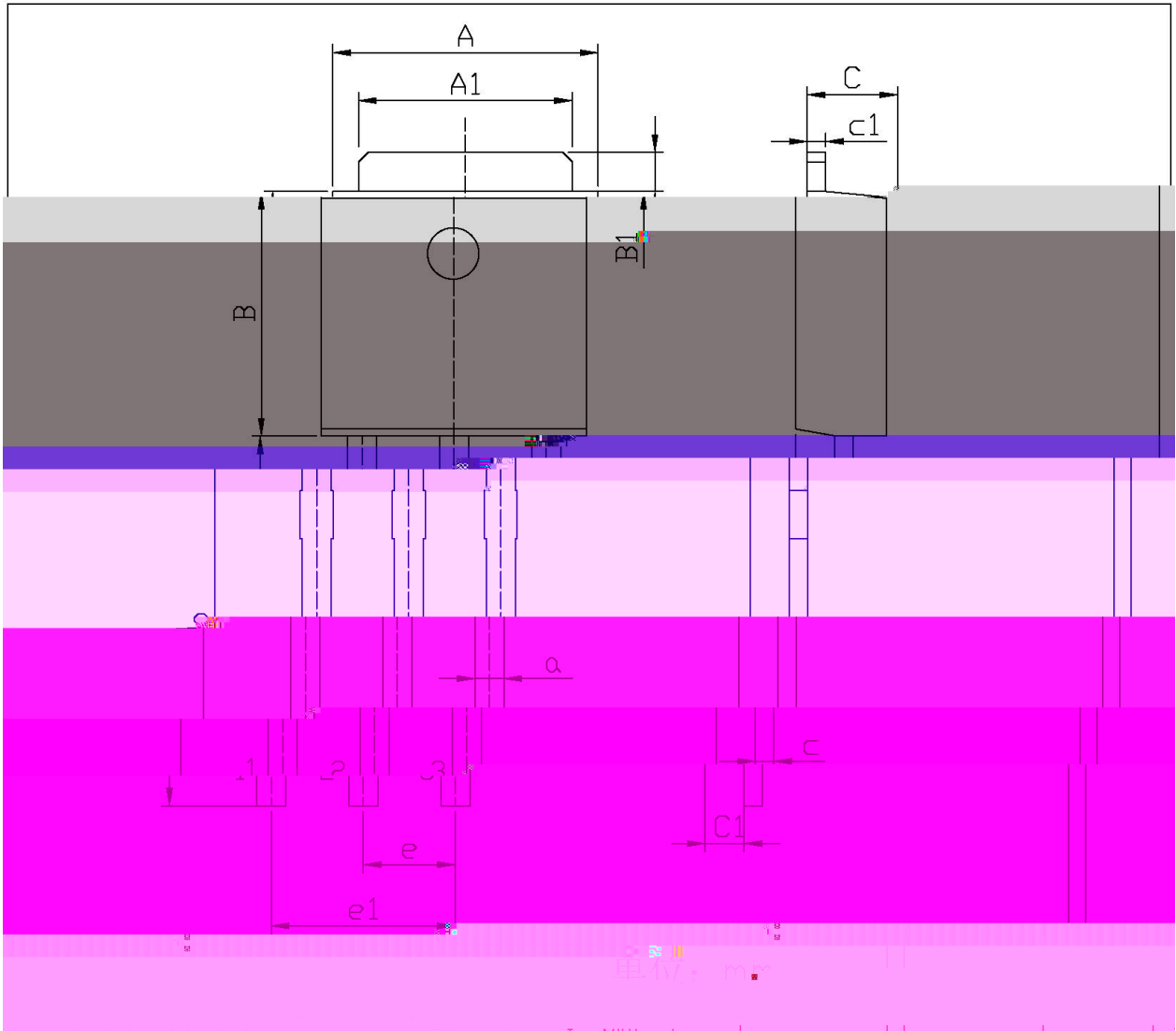
BRI6N70
Rev.D Nov.-2015

TO-251 N

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	700	V
Drain Current	$I_D(T_c=25^\circ C)$	6.0	A
Drain Current	I(T	5

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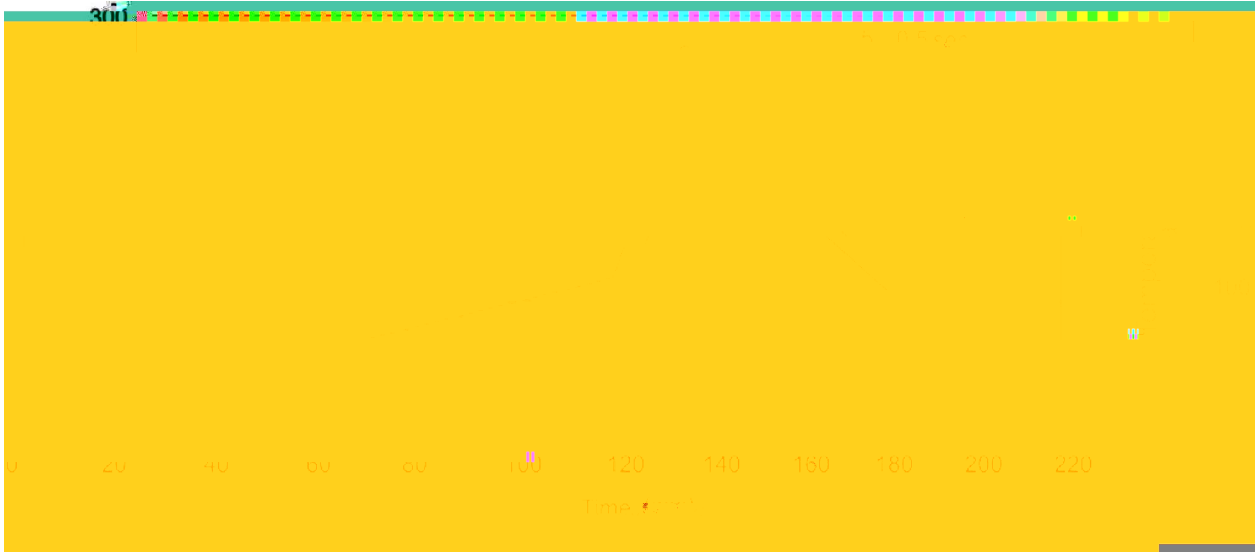
/ Package Dimensions



Dimensions in Millimeters		Symbol	Dimensions in Millimeters		Symbol
Min	Max		Min	Max	
6.45	6.75	a	0.50	0.70	A
5.10	5.50	b	9.00	9.40	A1
5.95	6.25	C	0.75	0.55	C
0.95	1.25	C1	0.45	0.55	B1

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



- | | | | | | | |
|---|--------|-----|-----|----------|-------|---|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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	Units					Dimension (unit mm ³)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-251	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units/Tube /	Units	Dimension (unit mm ³)