

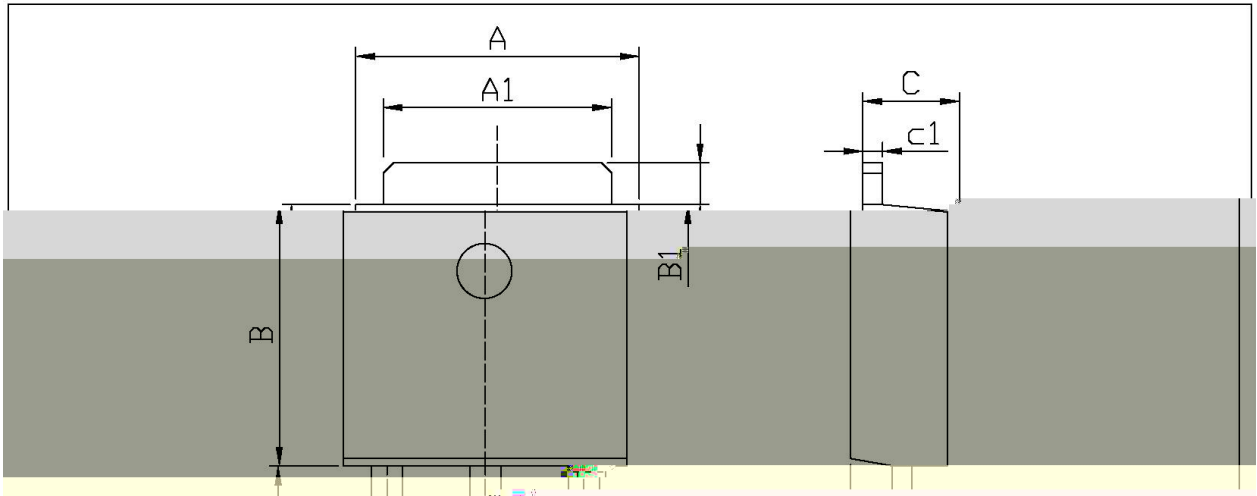
**BRI6N70**  
Rev.D Nov.-2015

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**

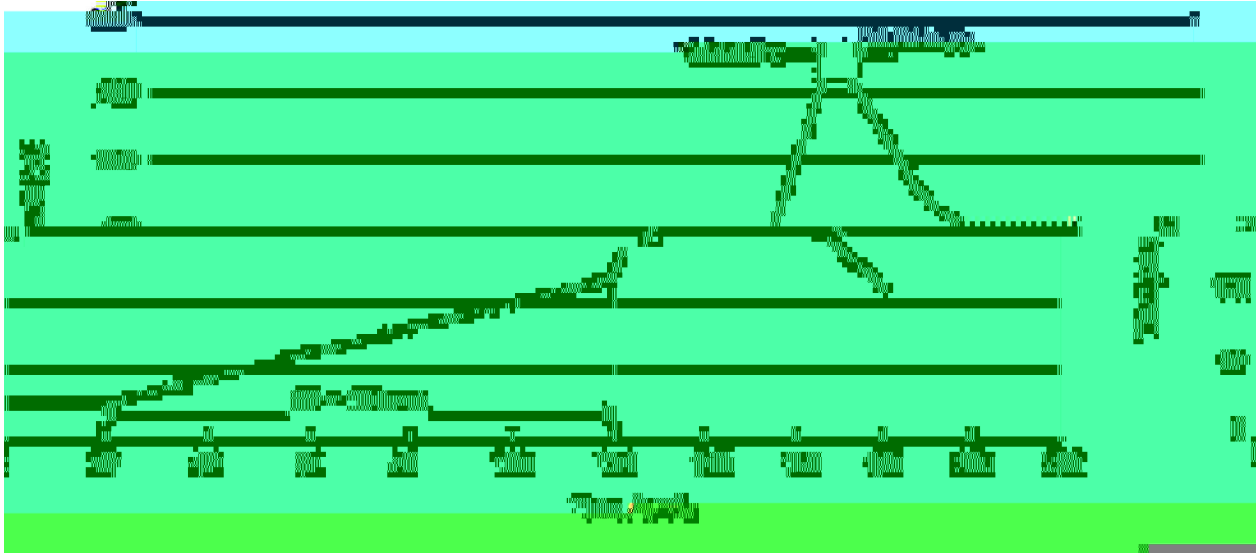


0.20	2.40	e	2.25	2.25	C
0.95	1.15	e1	4.43	4.73	C1

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( ) / 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	Units					Dimension (unit mm <sup>3</sup> )		
	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 <sup>3</sup> )