

**BRAD76225SA**



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# BRAD76225SA

Rev.B May.-2019



DATA SHEET

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Note 1: If the device operating conditions over the maximum rating of the above-mentioned conditions, may cause permanent damage to the device. The above parameters is only part of the operating conditions the maximum, we do not recommend the device running outside the scope of this specification. If the device to work long hours under the condition of absolute maximum limit, its stability may be affected.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
<b>Supply Voltage Section(V<sub>DD</sub> Pin)</b>						
Start-up current into VDD pin	I <sub>VDD_st</sub>	V <sub>DD_ON</sub> -1 V		3	20	uA
Operation Current	I <sub>VDD_op</sub>			0.8		mA

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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Cable Drop Compensation (CDC) Current	$I_{\text{Cable\_max}}$			45		$\mu\text{A}$
<b>Current Sense Input Section (CS Pin)</b>						
CS Input Leading Edge Blanking Time	$T_{\text{LEB}}$			350		ns
Minimum overcurrent protection threshold	$V_{\text{TH\_OCPmin}}$			500		mV
Maximum overcurrent protection threshold	$V_{\text{TH\_OCPmax}}$			550		mV

### Pow

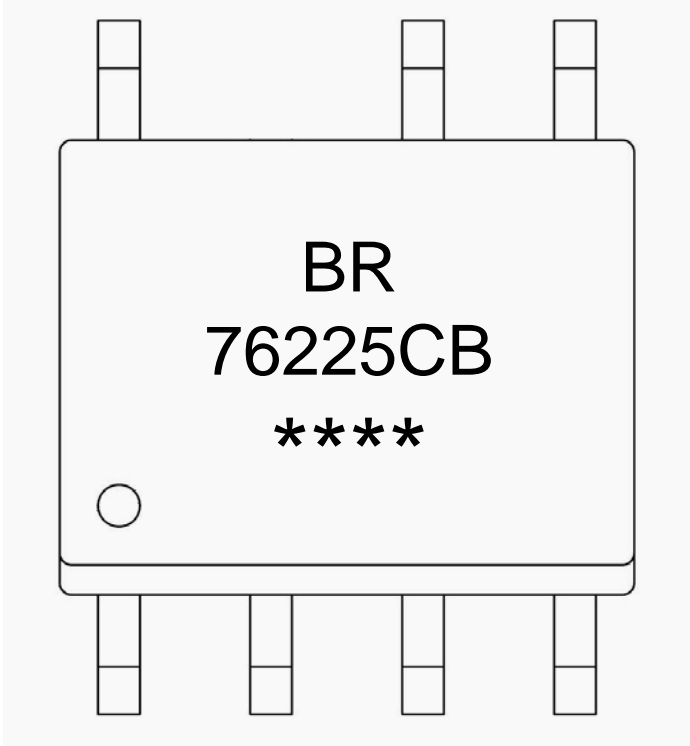
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Ø ≡ ) ϕ / Package Dimensions

**/ Marking Instructions**



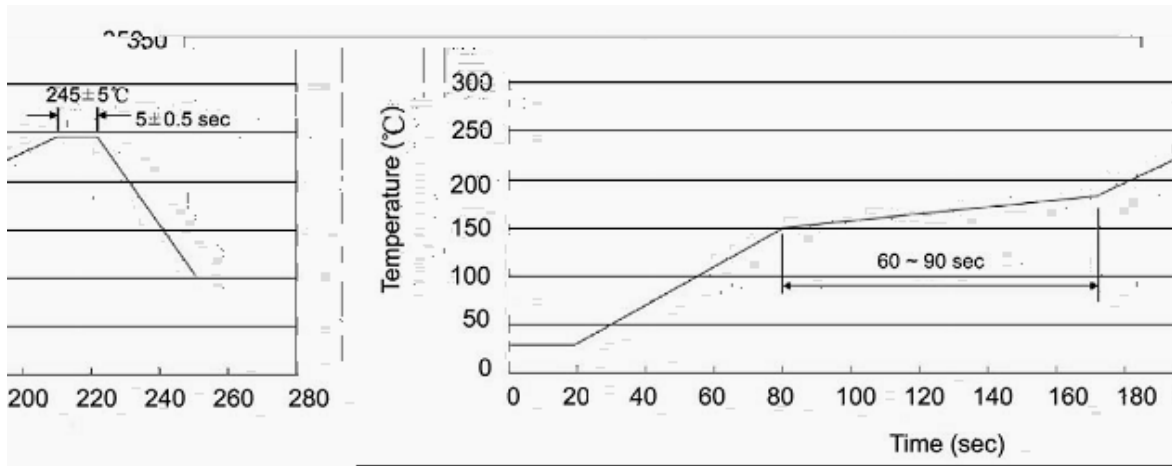
BR  
76225  
C  
B  
\*\*\*\*:

BJT

**Note**

- BR            Company Code
- 76225        Product Type
- C            Distinguishing output power corresponding to product series table, varies with product type suffix
- B            Distinguish internal power BJT, or default consistent with product model suffix
- \*\*\*\*:        Lot No.Code, code change with Lot No.

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



Note:

- |   |       |     |       |          |   |
|---|-------|-----|-------|----------|---|
| 1 | 150   | 180 | 60    | 90sec;   | 1.Preheating:150~180 , Time:60~90sec.   |
| 2 | 245±5 |     | 5±0.5 | sec;     | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 |       |     | 2     | 10 /sec. | 3. Cooling Speed: 2~10 /sec.            |

/ Resistance to Soldering Heat Test Conditions

$260 \pm 5$                        $10 \pm 1$  sec.                      Temp.: $260 \pm 5$                       Time: $10 \pm 1$  sec

/ Packaging SPEC.

/ REEL

Package Type