**BRAD76225SA**

**BRAD76225SA**

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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.

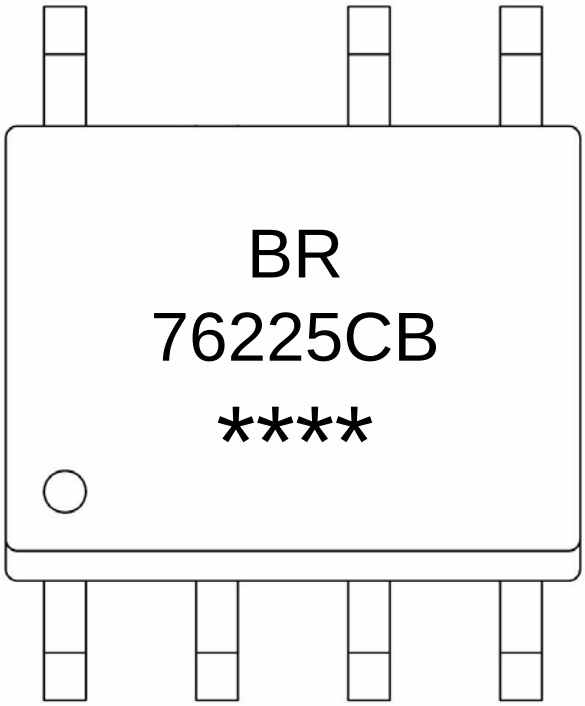
| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| **Supply Voltage Section($V_{DD}$ Pin)** | | | | | | |
| Start-up current into VDD pin | $I_{VDD_st}$ | $V_{DD_ON}$-1 V | | 3 | 20 | uA |
| Operation Current | $I_{VDD_Op}$ | | | 0.8 | | mA |

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Maximum Cable Drop Compensation (CDC) Current | $I_{Cable_max}$ | | | 45 | | uA |
| **Current Sense Input Section (CS Pin)** | | | | | | |
| CS Input Leading Edge Blanking Time | $T_{LEB}$ | | | 350 | | ns |
| Minimum overcurrent protection threshold | $V_{TH_OCPmin}$ | | | 500 | | mV |
| Maximum overcurrent protection threshold | $V_{TH_OCPmax}$ | | | 550 | | mV |

**Pow**

## Ø ¤ = ) ¢ / Package Dimensions

## / Marking Instructions




BR

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C

B BJT

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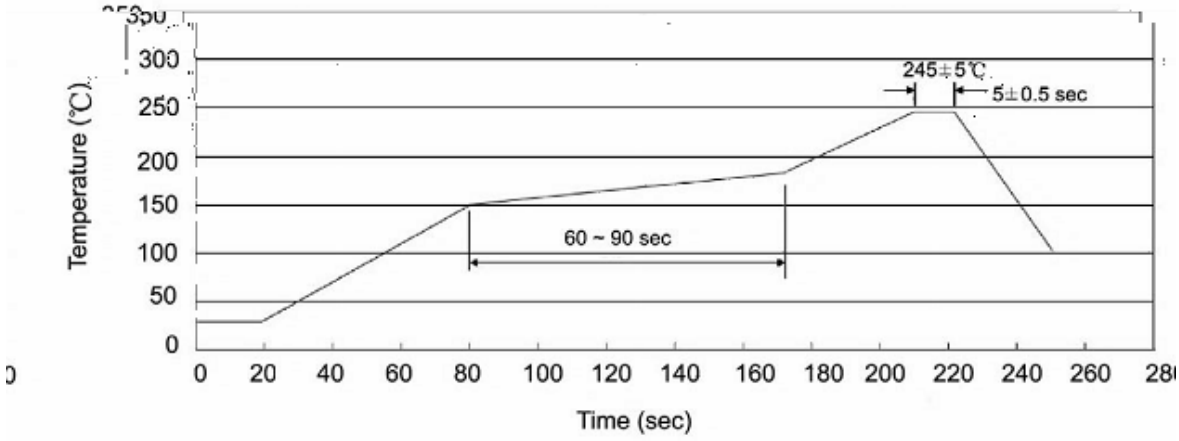
Note

| | |
|---|---|
| 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±0.5sec; | 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±5 | 10±1 sec. | Temp.:260±5 | Time:10±1 sec |

## / Packaging SPEC.

/ REEL

Package Type