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.

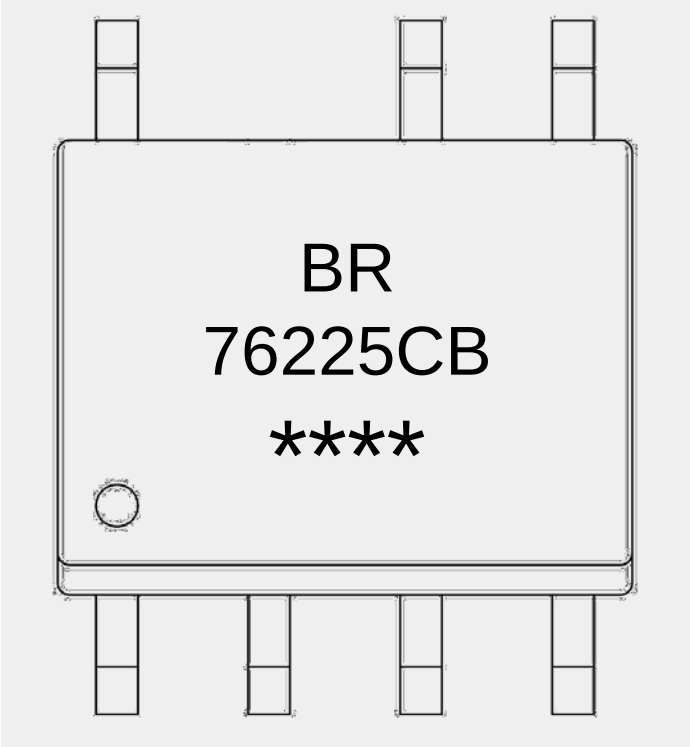
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Supply Voltage Section(V_{DD} Pin)						
Start-up current into VDD pin	I_{VDD_st}	V_{DD_ON}-1 V		3	20	uA
Operation Current	I_{VDD_Op}			0.8		mA

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



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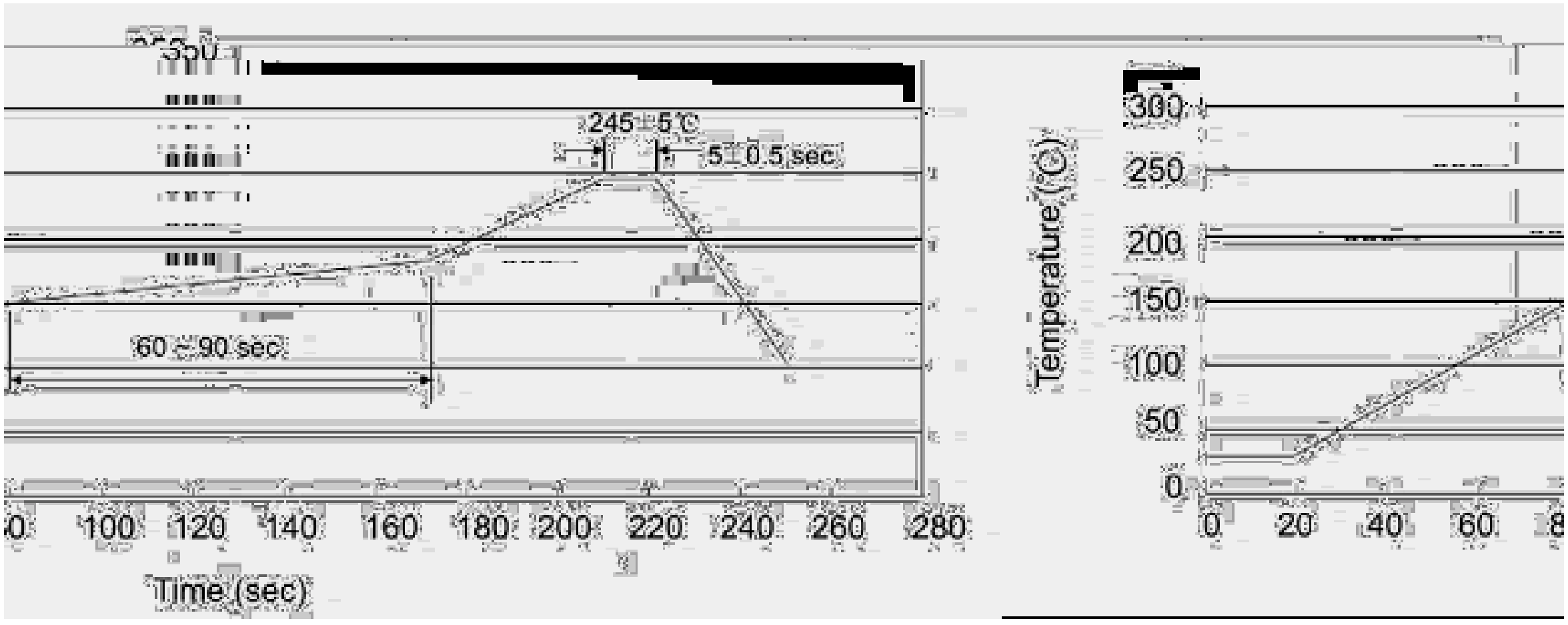
B BJT

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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)



1 150 180 60 90sec;
2 245±5 5±0.5sec;
3 2 10 /sec.

Note:
1.Preheating:150~180 , Time:60~90sec.
2.Peak Temp.:245±5 , Duration:5±0.5sec.
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