

/ Descriptions

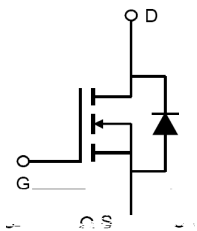
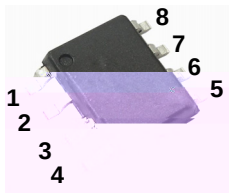
SOP-8 N MOS N-Channel in a SOP-8 Plastic Package.

/ Features

$R_{DS\ ON}$ RoHS
 Low $R_{DS(ON)}$, Low Gate Charge, Optimized for fast-switching, RoHS and Halogen-Free Compliant.

/ Applications

DC/DC AC/DC /
 Synchronous Rectification in DC/DC and AC/DC Converters, Isolated DC/DC Converters in Telecom and Industrial.

/ Equivalent Circuit**/ Pinning**

PIN1:S PIN 2:S PIN 3 S PIN 4 G
 PIN5 PIN 6 PIN 7 PIN 8:D

/ h_{FE} Classifications & Marking

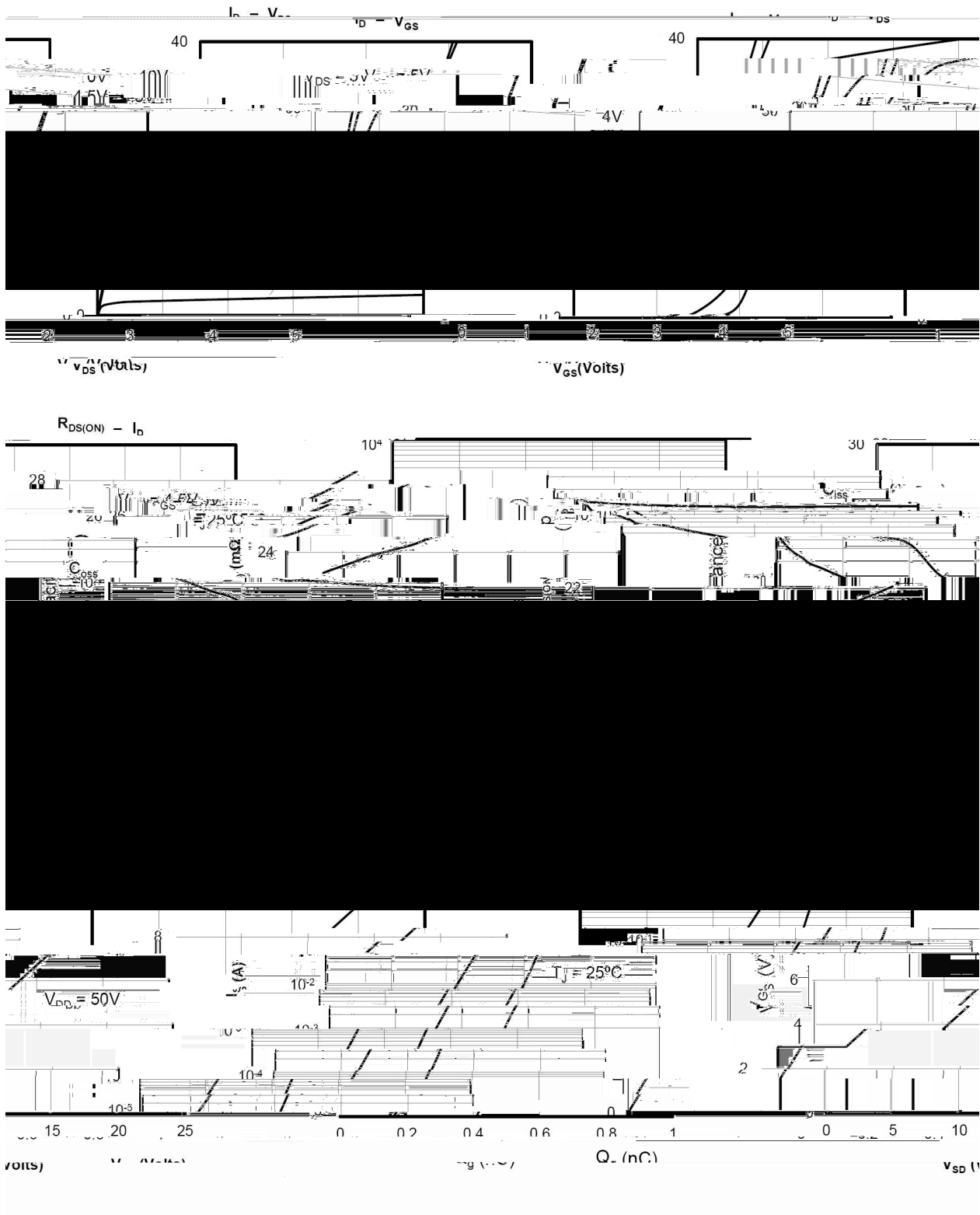
See Marking Instructions.

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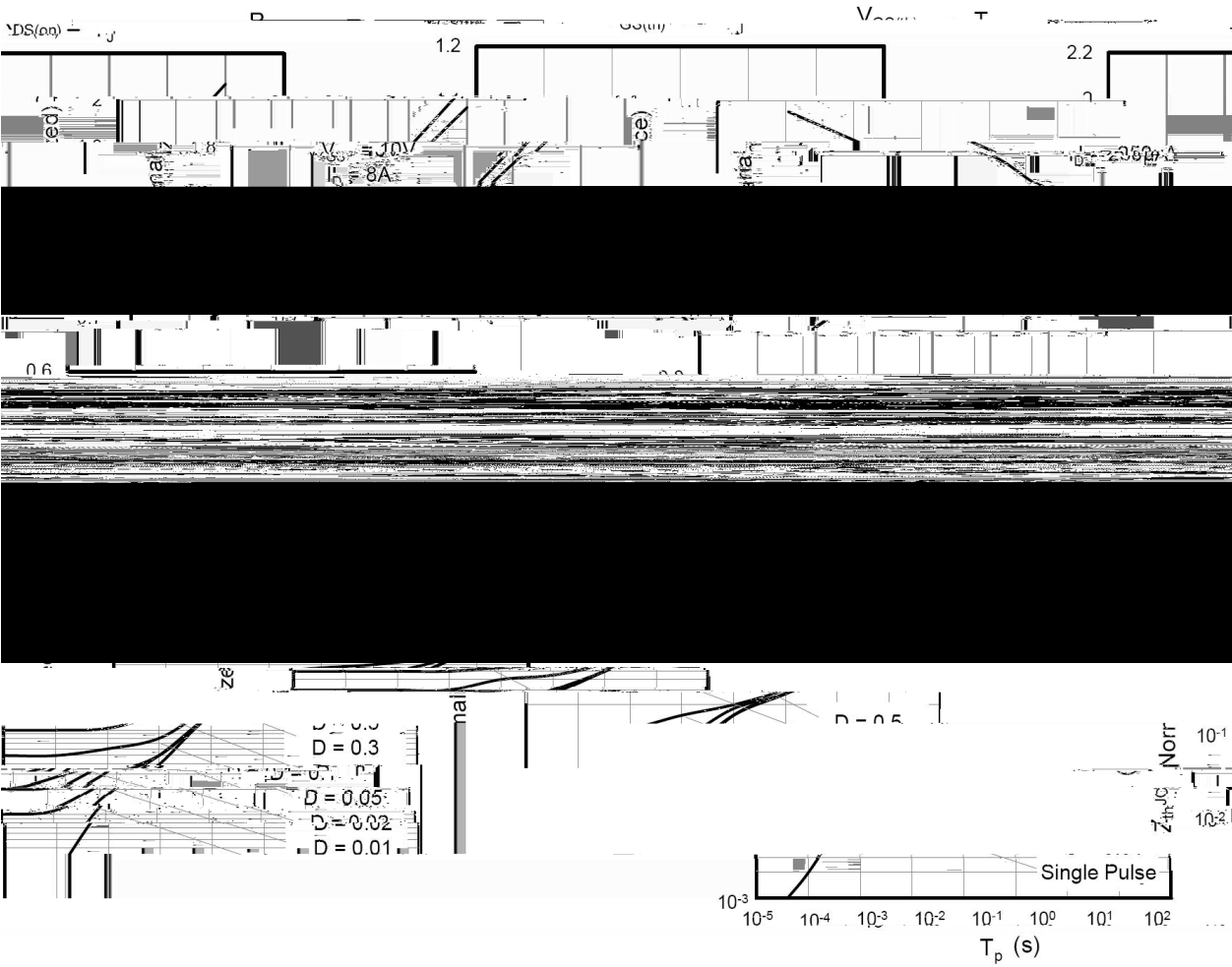
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min
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/ Electrical Characteristic Curve



/ Electrical Characteristic Curve



/ Test Circuit & Waveform

Figure A: Gate Charge Test Circuit and Waveform.

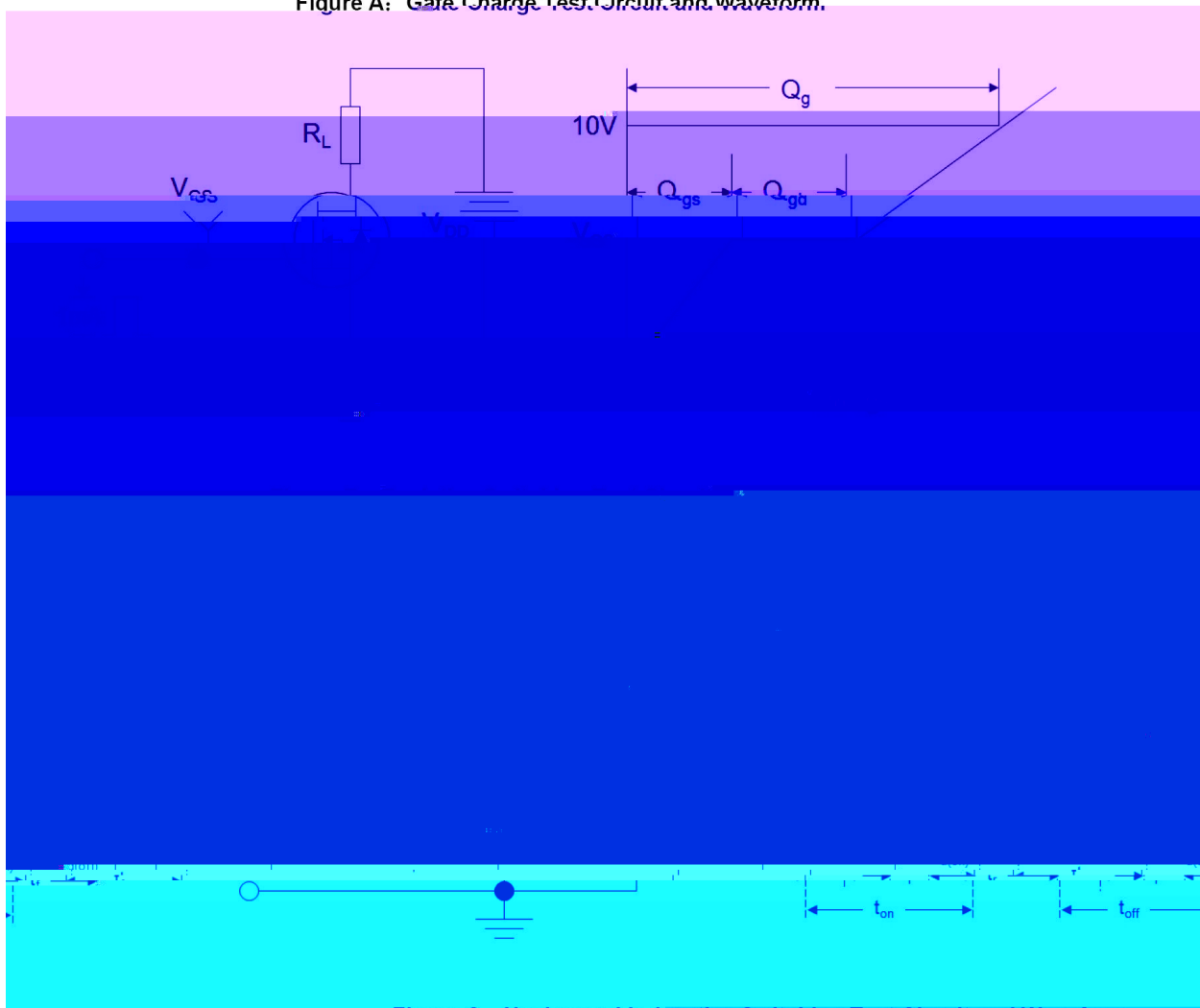
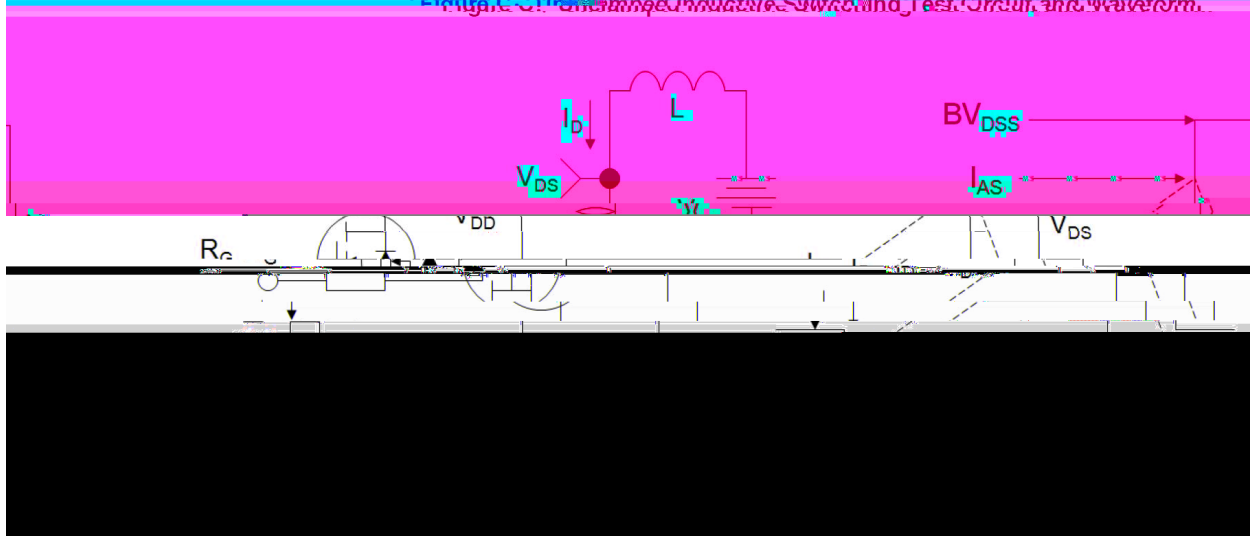
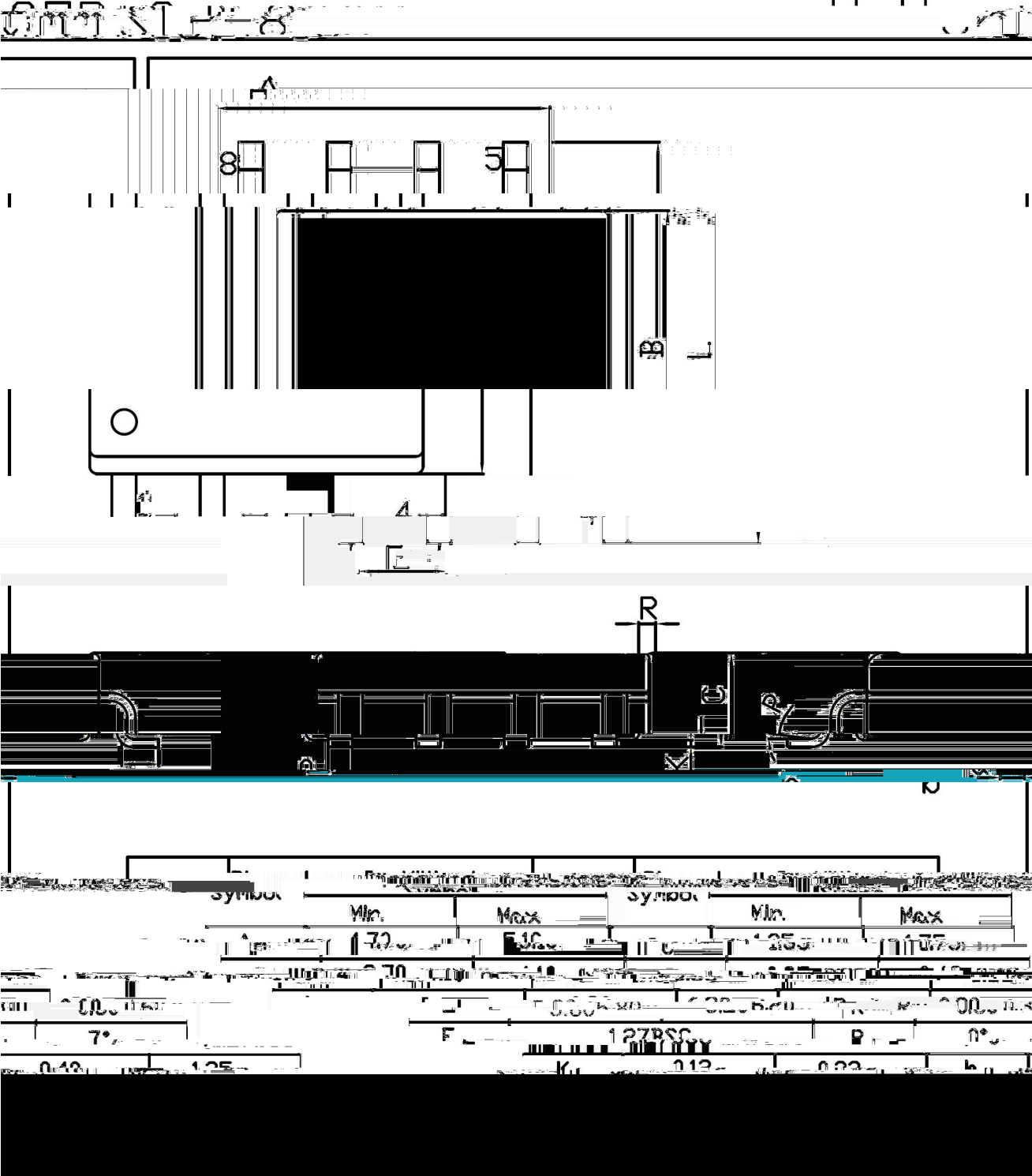


Figure B: Switching Inductive Load Test Circuit and Waveform.



/ Package Dimensions



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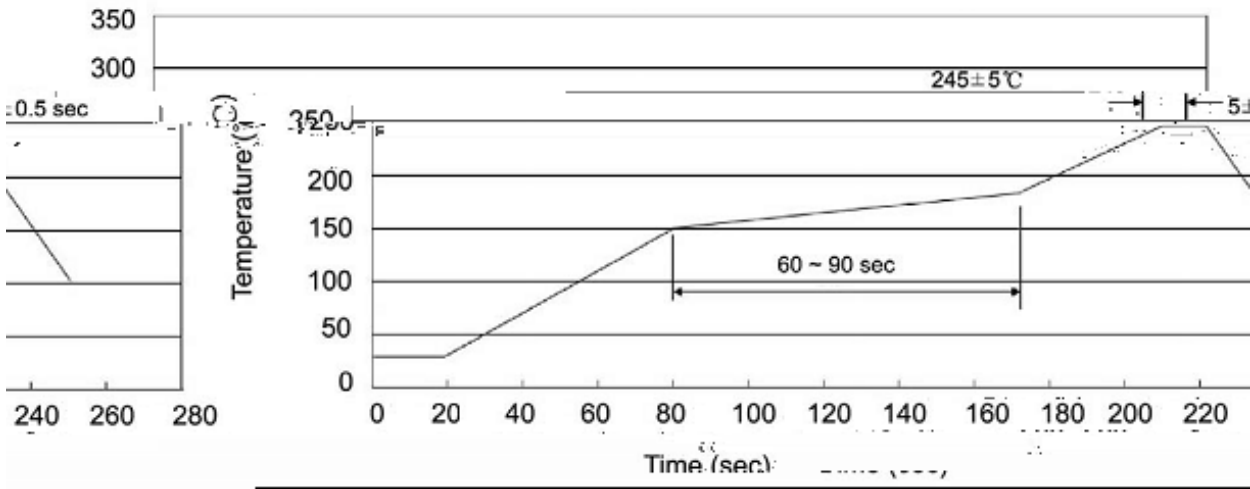
Rev.E Oct.-2018



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

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



Note:

- 1

150 180

60 90sec;
- 2

245±5

5±0.5sec;
- 3

2 10 /sec.
- 260±5

10±1 sec.
- 1.Preheating:150~180 , Time:60~90sec.
- 2.Peak Temp.:245±5 , Duration:5±0.5sec.
3. Cooling Sp.7(T)10744000874068a93960t30 T4 02 0 TD0

/ Packaging SPEC.

/ REEL