

/ Revised record

G	2018-5				
H	2019-2-22	2	t_{rr} 8 4		
A	2022-3-15	all	BR Q H Q AEC-Q101 , H Q 245±5°C 5± 0.5sec 255± 5°C 5±0.5sec		



/ Descriptions

SOD-123

Silicon Diode in a SOD-123 Plastic Package.

/ Features

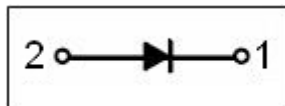
AEC-Q101

Fast switching diodes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

/ Applications

Small signal diode, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning

1

2

PIN1:Cathode

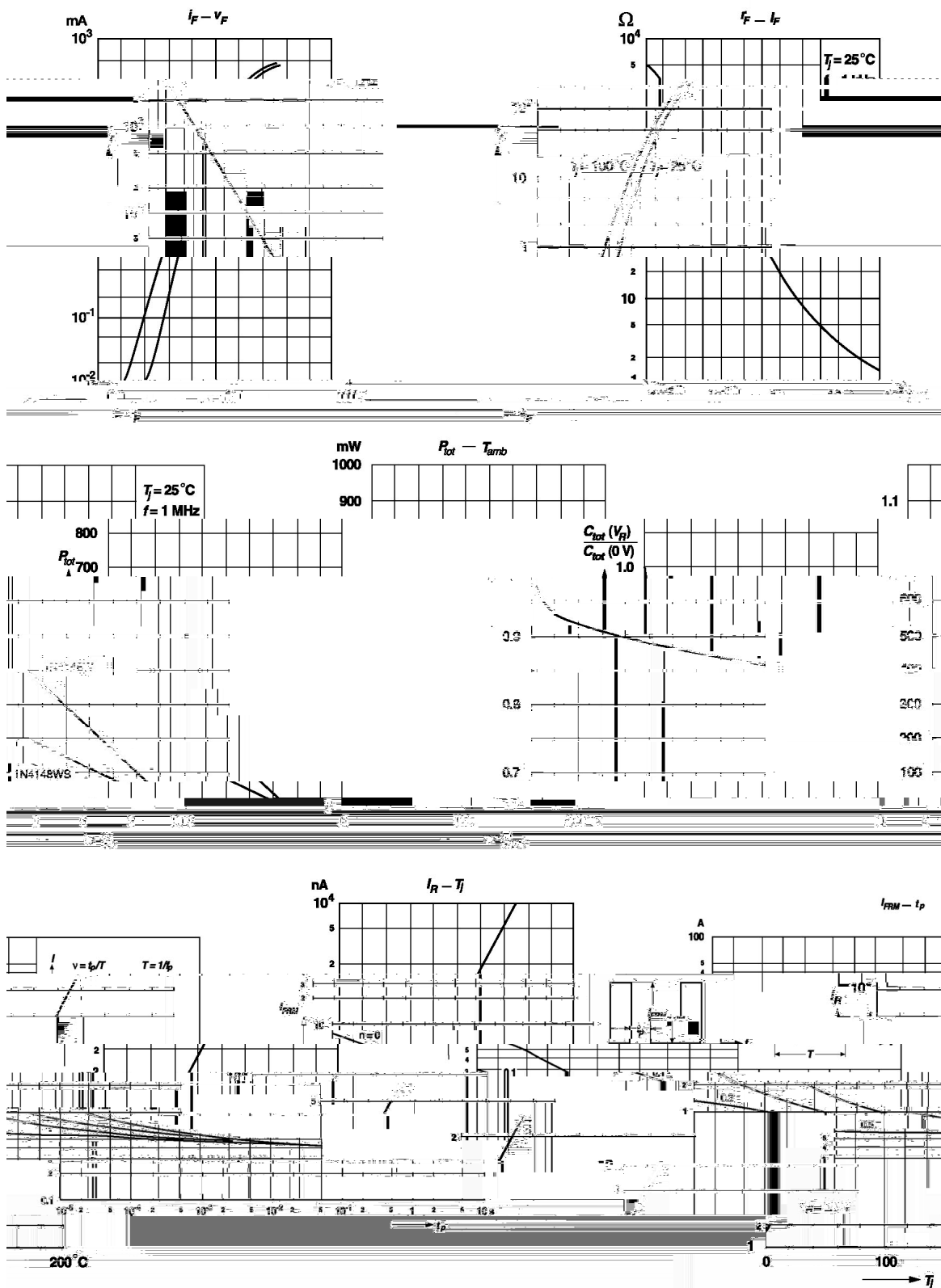
PIN2:Anode

/ Marking

Marking	QA2
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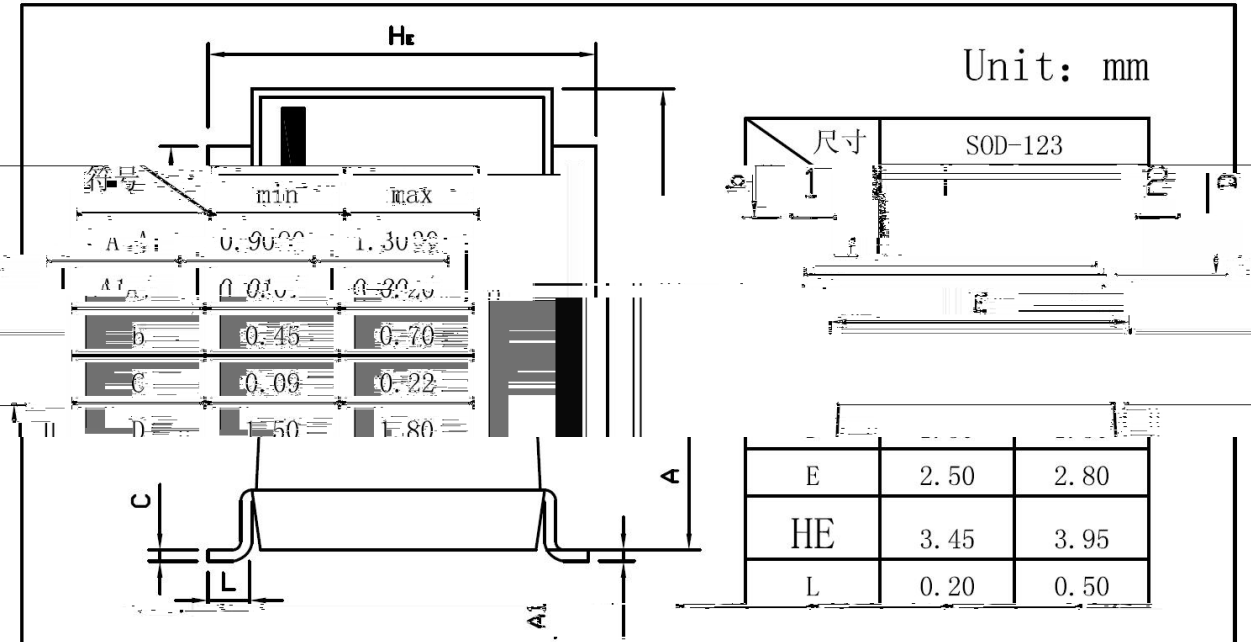
参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
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/ Electrical Characteristic Curve





/ Package Dimensions



IN: 1.CATHODE 2.ANCODE

SOD-123

/ Marking Instructions



说明：

Q： 为汽车无卤产品标识

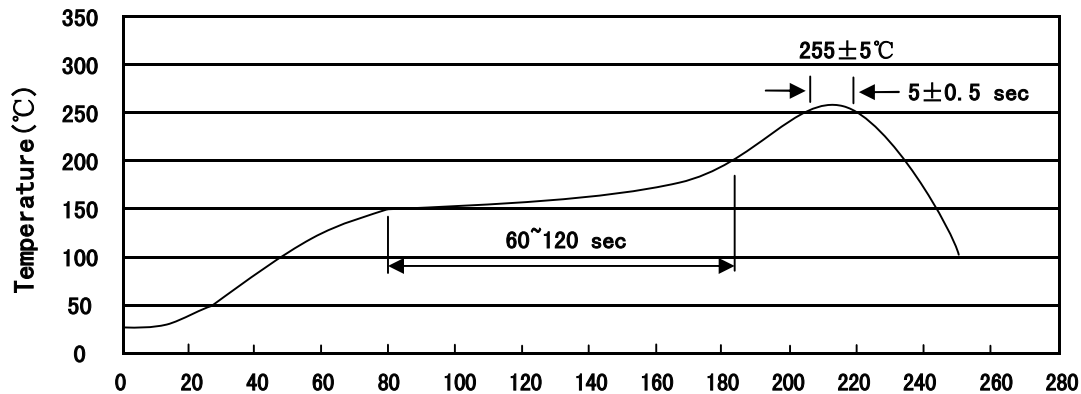
A2： 为型号代码

Note:

Q: Automobile halogen-free product Code

A2: Product Type

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



Note:

- 1 150 200 60 120sec; 1.Preheating:150~200°C, Time:60~120sec.
- 2 255±5 5±0.5sec; 2.Peak Temp.:255±5°C, Duration:5±0.5sec.
- 3 2 10°C/sec. 3. Cooling Speed: 2~10°C/sec.

/ Resistance to Soldering Heat Test Conditions

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOD-123	3,000	10	30,000	6	180,000	7" ×8	180×120×180	390×385×205

/ Notices