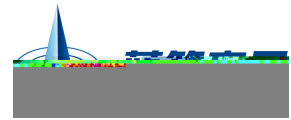


/ Revised record

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		

BR1N4148WQ

Rev.A Mar.-2022



DATA SHEET

/ Descriptions

SOD-123

Silicon Diode in a SOD-123 Plastic Package.

/ Features

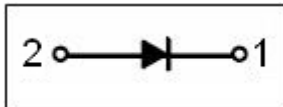
AEC-Q101

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

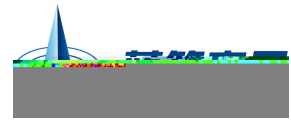
2

PIN1:Cathode

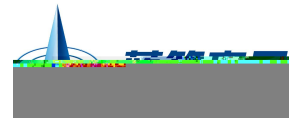
PIN2:Anode

/ Marking

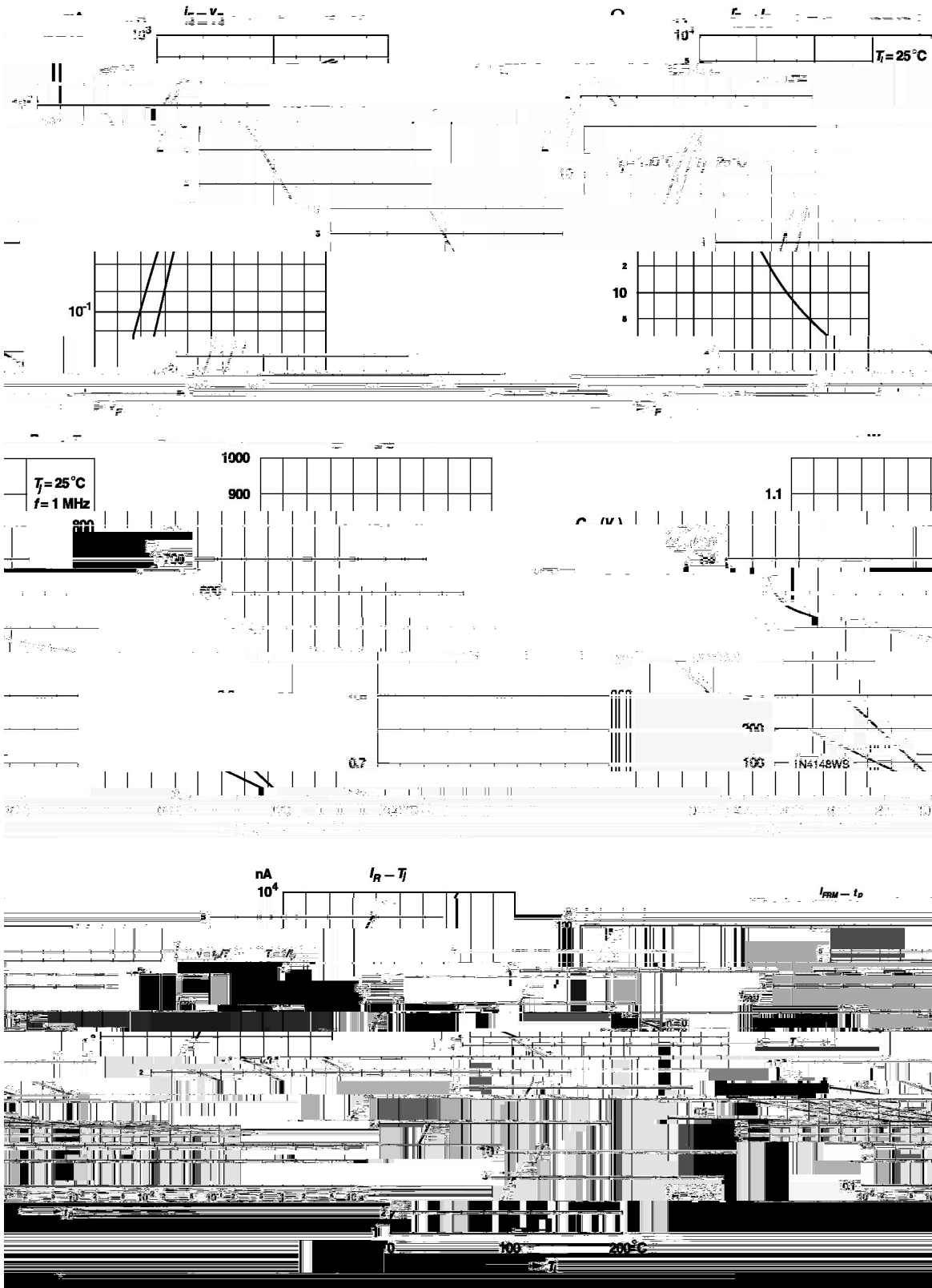
Marking	QA2
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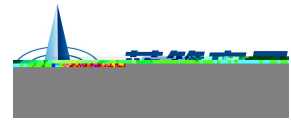


参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
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/ Electrical Characteristic Curve





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

Note:

- 1 150 200 60 120sec; 1.Preheating:150~200 , Time:60~120sec.
- 2 255 5 5 0.5sec; 2.Peak Temp.:255 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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱