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℃ 5± 0.5sec 255± 5℃ 5±0.5sec		

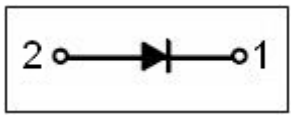
SOD-123

Silicon Diode in a SOD-123 Plastic Package.

AEC-Q101

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

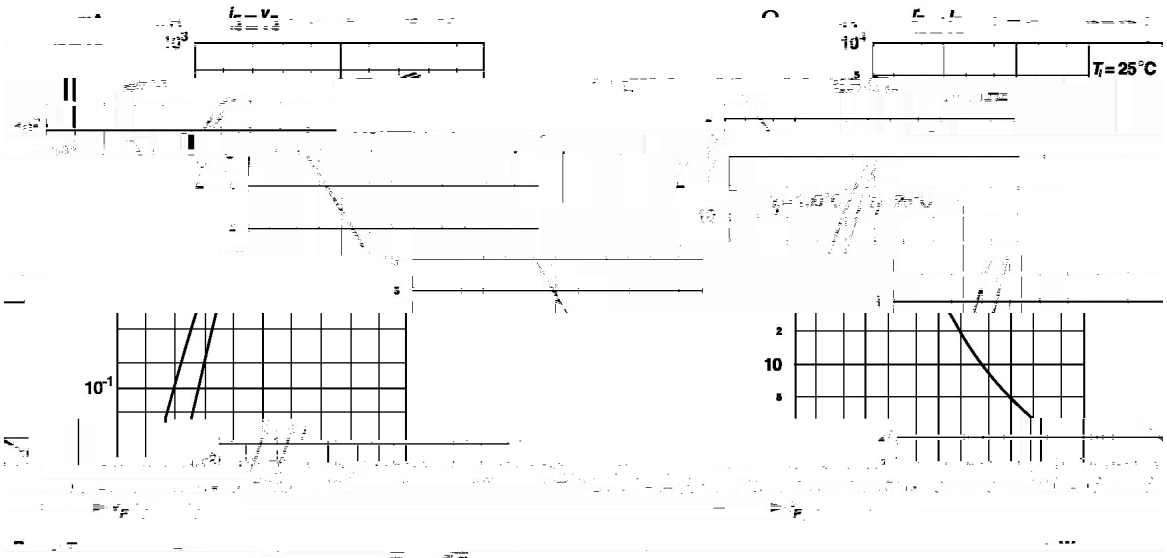
Small signal diode, Meet the stringent requirements of automotive applications.

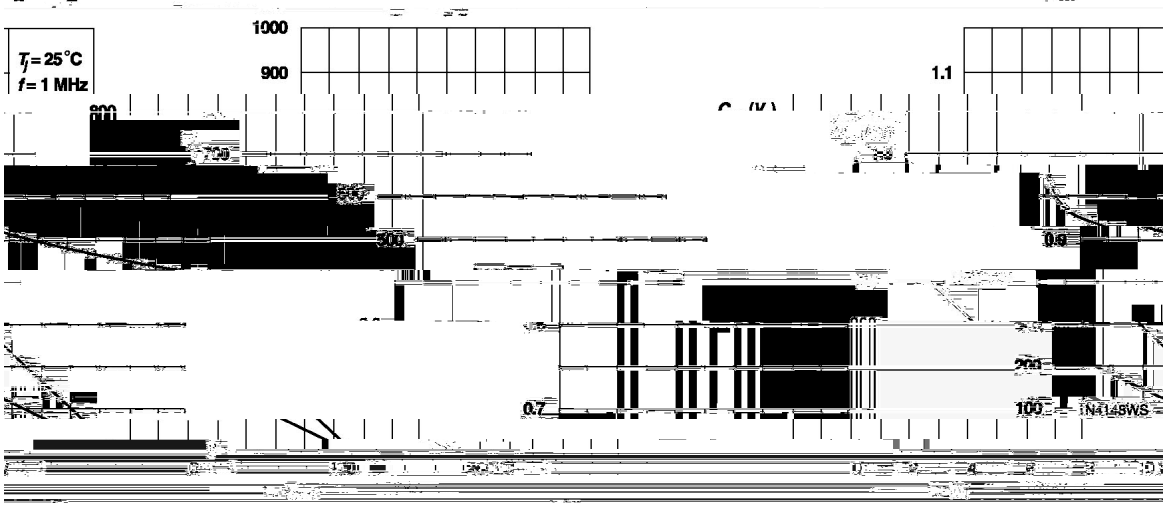


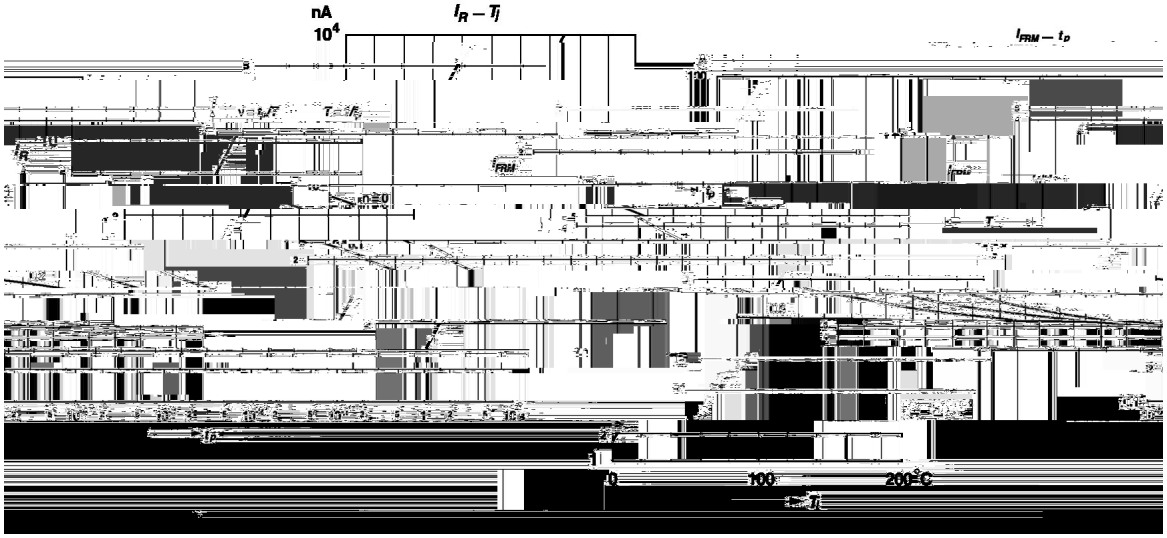
PIN1:Cathode PIN2:Anode

Marking	QA2

参数 Parameter	符号 Symbol	数值 Rating	单位 Unit




T_j = 25°C
f = 1 MHz
1000
900
1.1
0.9
0.7
100
1N4148WS


nA
10^4
$I_R - T_j$
$I_{FRM} - t_p$
100
200°C

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.

260 5 10 1 sec. Temp.:260 5 Time:10 1 sec

/ 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

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