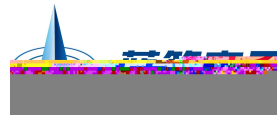




G	2020-7-28	1			
A	2021-12-25	all	BR Q AEC-Q101 H Q 245±5°C 5±0.5sec 255±5°C 5±0.5sec		



SOT-23

Silicon Diode in a SOT-23 Plastic Package.

AEC-Q101

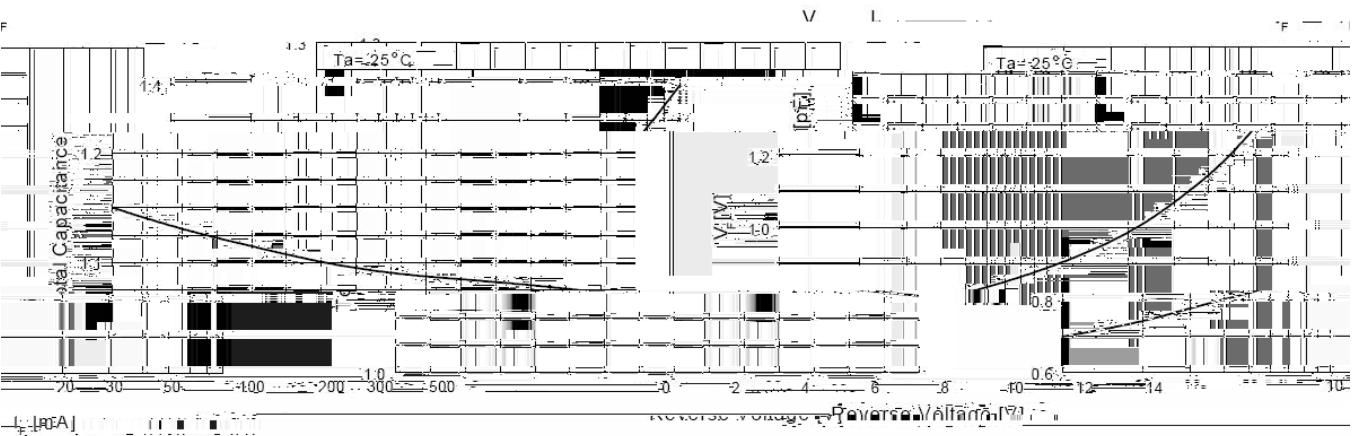
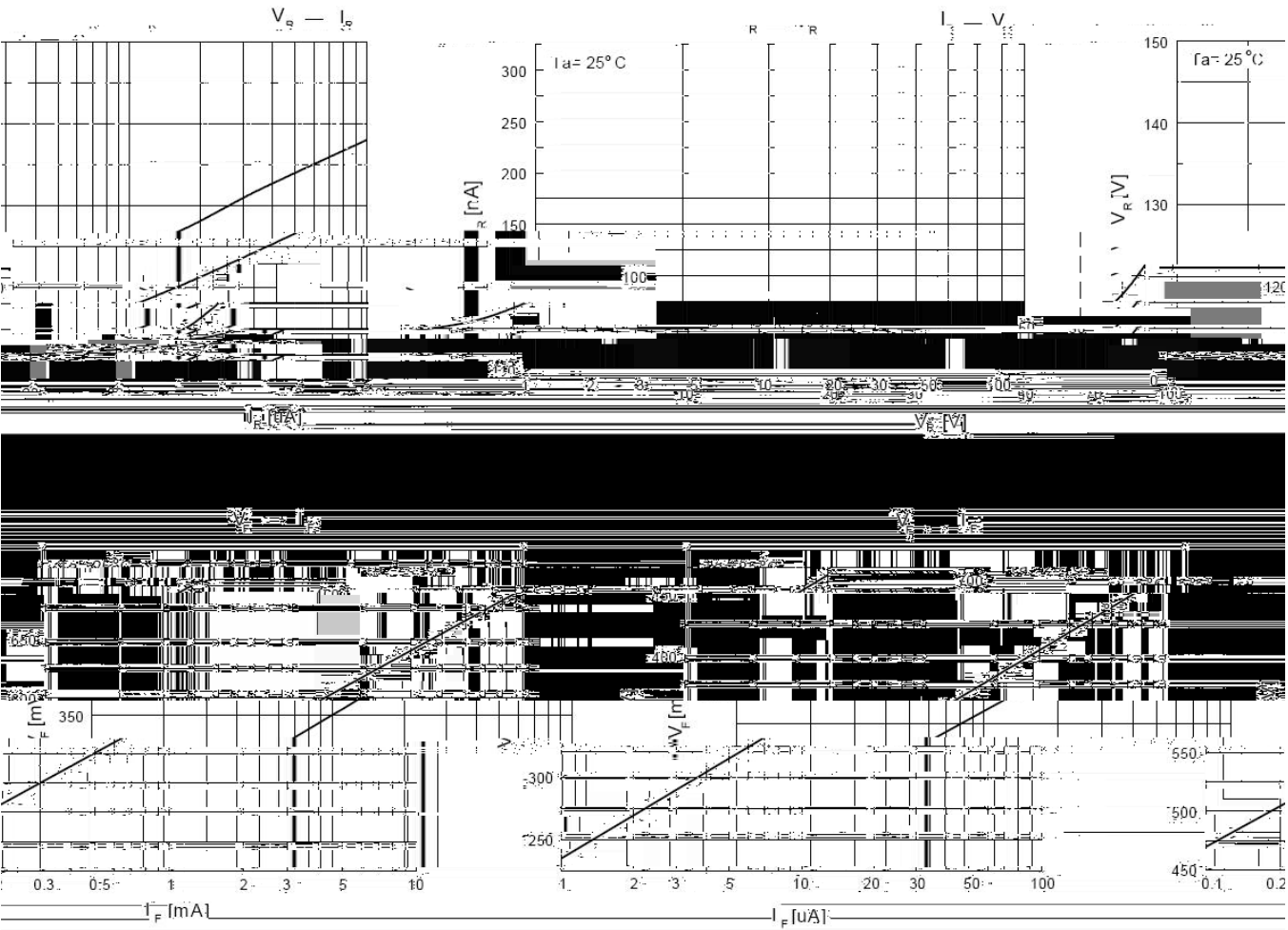
Small signal diode, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

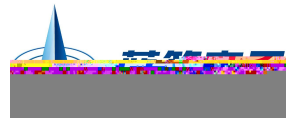
High Conductance Ultra Fast Diode, Meet the stringent requirements of automotive applications.

\$C



参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
Maximum Repetitive Reverse Voltage	V_{RRM}	70	V
Average Rectified Forward Current	$I_{F(AV)}$	200	mA
Non-repetitive Peak Forward Surge Current	$I_{FSM(1)}(\text{pulse width}=1.0\text{S})$	1.0	A
	$I_{FSM(2)}(\text{pulse width}=1.0\text{mS})$	2.0	A

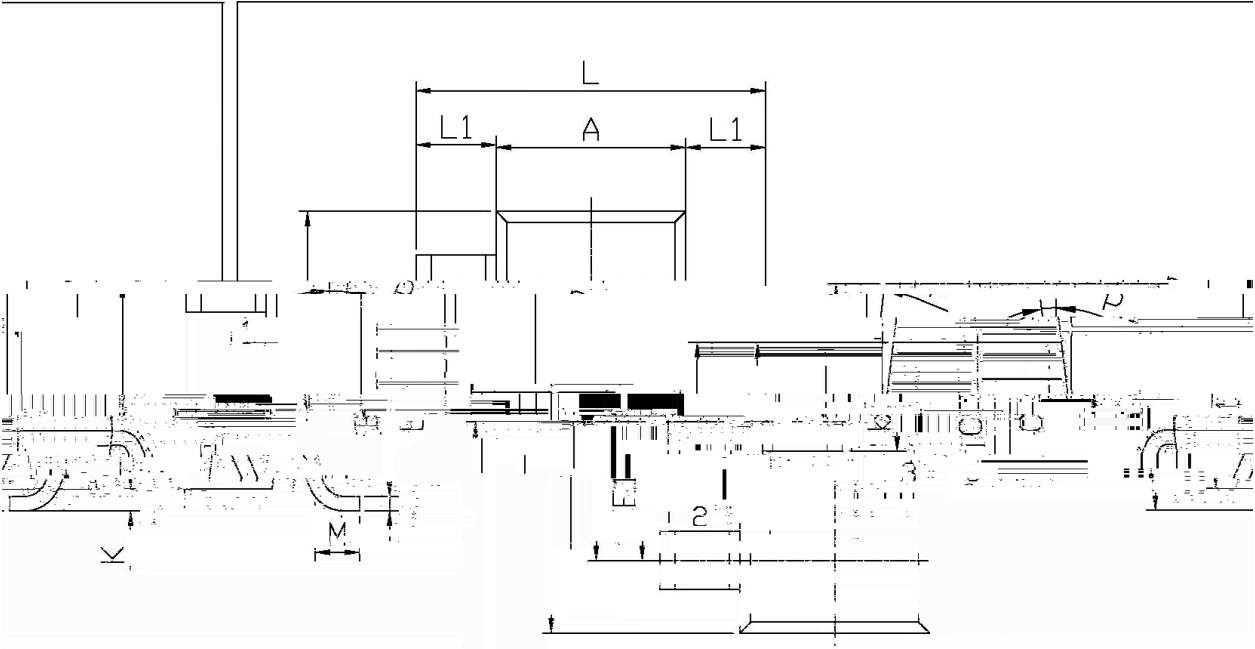




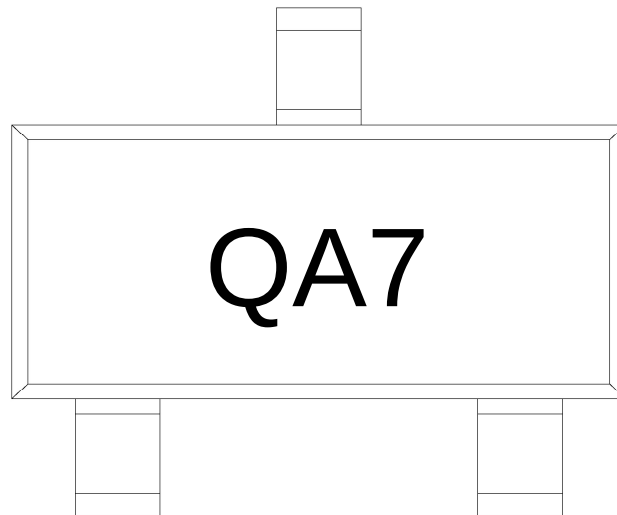


FSBREC-23

FSBREC-23



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L	2.2	2.7	C	1.30	Max
A	1.15	1.50	R	2.70	3.10
E1	0.85	1.05	P	0.10	0.15
b	0.35	0.55			



说明：

Q： 为汽车无卤产品标识

A7： 为型号代码

Note:

Q: Automobile halogen-free product Code

A7: Product Type Code

**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.± |