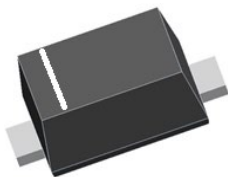


SOD-323FL



MARKING: A

特征 Features

- Small surface mounting type
- High speed
- High reliability with high surge current handling capability

机械数据 Mechanical Data

- SOD-323FL Small Outline Plastic Package
- Polarity: Color band denotes cathode end
- Epoxy UL: 94V-0
- Mounting Position: Any

极限值和温度特性(TA = 25℃ 除非另有规定)

Maximum Ratings & Thermal Characteristics (Ratings at 25℃ ambient temperature unless otherwise specified.)

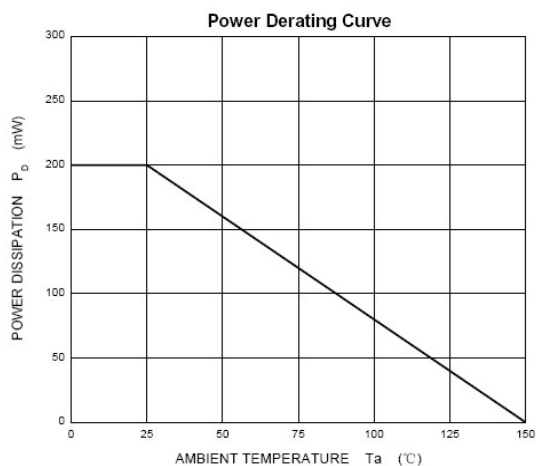
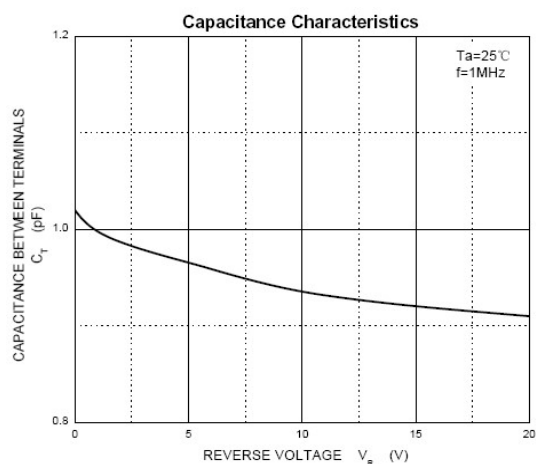
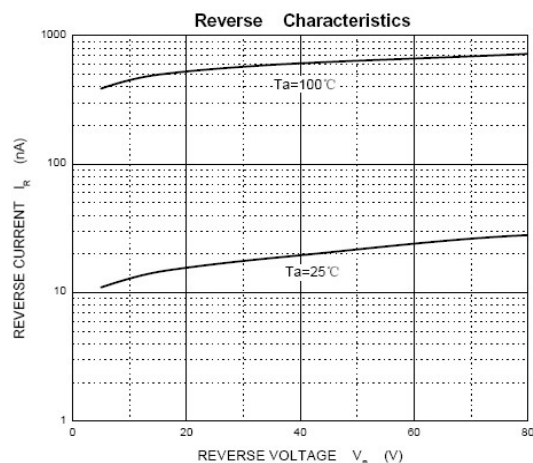
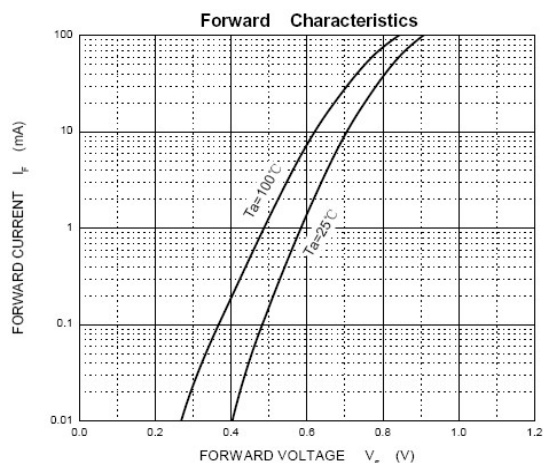
Parameters	Symbol	Value	Unit
DC Blocking Voltage	VR	80	V
Non-repetitive Peak Reverse Voltage	VRM	90	V
Power Dissipation	Pd	250	mW
Operating junction temperature	Tj	150	℃
Storage temperature range	Ts	-55-+150	℃
Average Rectified Output Current	Io	100	mA
Peak Forward Current	IFM	225	mA
Surge current (@t=1s)	Isurge	500	mA

Valid provided that electrodes are kept at ambient temperature.

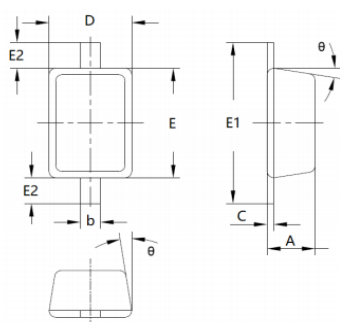
电特性 **Electrical Characteristics** (Ratings at 25℃ ambient temperature unless otherwise specified).

Symbols	Parameter	Test Condition	Limits		Unit
			Min	Max	
IR	Reverse Leakage Current	VR=80V	---	0.1	uA
VF	Forward Voltage	IF=100mA	---	1.20	V
TRR	Reverse Recovery Time	IF= 10mA, VR=6V RL=100Ω	---	4	nS
C	Capacitance	VR=0.5V, f=1MHZ	---	3	pF

Typical Characteristics

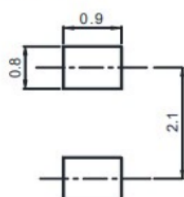


SOD-323FL PACKAGE OUTLINE Plastic surface mounted package



Symbol	Dimensions In Millimeters	
	Min	Max
A	0.675	0.850
b	0.250	0.400
c	0.090	0.150
D	1.150	1.350
E	1.600	1.800
E1	2.250	2.750
E2	0.400 REF	
θ	9° REF	

Recommended Soldering Footprint



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