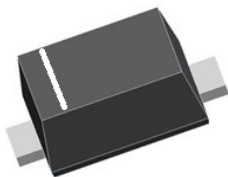


SOD-323FL


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.)

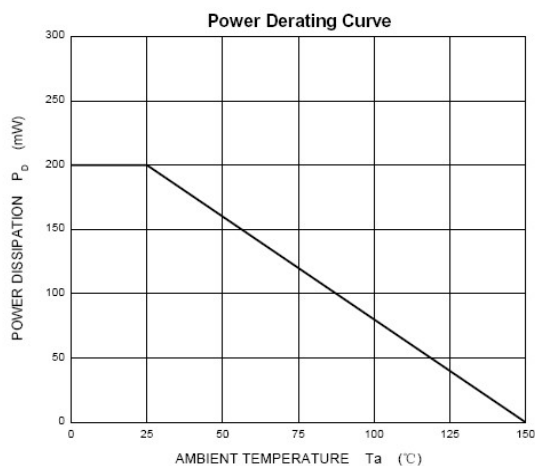
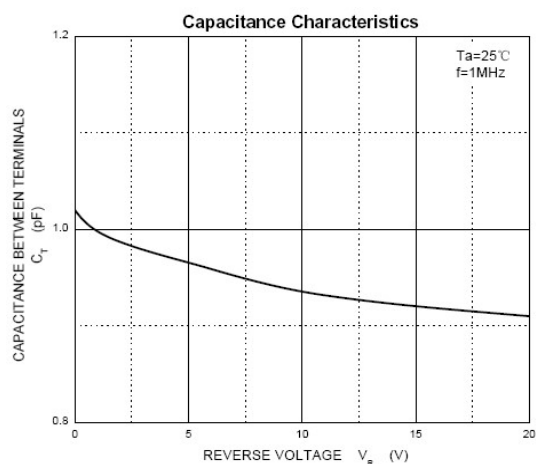
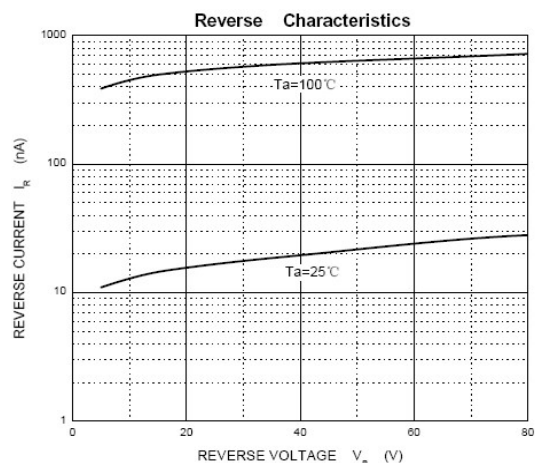
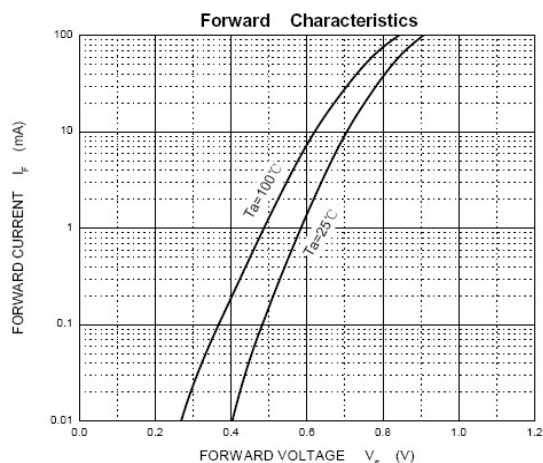
Parameters	Symbol	Value	Unit
DC Blocking Voltage	VR	80	V
Non-repetitive Peak Reverse Voltage	VRM	90	V
Power Dissipation	Pd	250	mW
Operating junction temperature	Tj	150	℃
Storage temperature range	Ts	-55-+150	℃
Average Rectified Output Current	Io	100	mA
Peak Forward Current	IFM	225	mA
Surge current (@t=1s)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

Valid provided that electrodes are kept at ambient temperature.

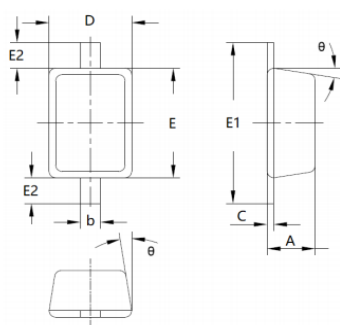
电特性 Electrical Characteristics (Ratings at 25℃ ambient temperature unless otherwise specified).

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

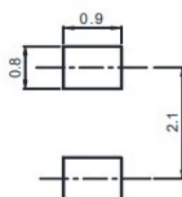


SOD-323FL PACKAGE OUTLINE Plastic surface mounted package



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



NOTICE

The information presented in this document is for reference only. Involving product optimization and productivity improvement, ChipNobo reserves the right to adjust product indicators and upgrade some technical parameters. ChipNobo is entitled to be exempted from liability for any delay or non-delivery of the information disclosure process that occurs.

本文件中提供的信息仅供参考。涉及产品优化和生产效率改善，ChipNobo 有权调整产品指标和部分技术参数的升级，所出现信息披露过程存在延后或者不能送达的情形，ChipNobo 有获免责权。

The product listed herein is designed to be used with residential and commercial equipment, and do not support sensitive items and specialized equipment in areas where sanctions do exist. ChipNobo Co., Ltd or anyone on its behalf, assumes no responsibility or liability for any damages resulting from improper use.

此处列出的产品旨在民用和商业设备上使用，不支持确有限制地区的敏感项目和特殊设备，ChipNobo 有限公司或其代表，对因不当使用而造成的任何损害不承担任何责任。

For additional information, please visit our website <http://www.chipnobo.com>, or consult your nearest Chipnobo sales office for further assistance.

欲了解更多信息，请访问我们的网站 <http://www.chipnobo.com>，或咨询离您最近的 Chipnobo 销售办事处以获得进一步帮助。