SWITCHING DIODE

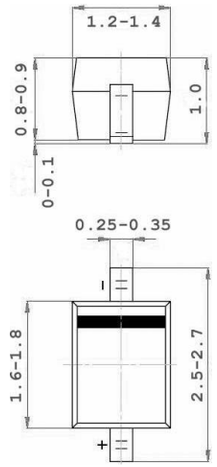
VOLTAGE RANGE: 35 VOLTS
CURRENT: 100mA

FEATURES

- Small surface mounting type
- High speed
- Suitable for high packing density

MARKING: E

SOD-323





UNIT:mm

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25℃ ambient temperature unless otherwise specified.

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Parameters	Symbols	Limits	UNITS
Peak Reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	35	V
Mean Rectifying Current	I_O	0.1	A
Peak Forward Surge Current	I_{FSM}	0.225	A
Junction Temperature	T_J	125	℃
Storage Temperature	T_{STG}	-55~+125	℃

ELECTRICAL RATINGS

Parameters	Symbols	Test conditions	Min.	Typ.	Max.	UNITS
Forward Voltage	V_F	I_F=100mA			1.2	V
Reverse Current	I_R	V_R=20V			15	nA
Capacitance between terminals	C_T	V_R =0.5V, f=1MHz			5	pF