SCHOTTKY BARRIER DIODE

VOLTAGE RANGE: 40 VOLTS
CURRENT: 1A

FEATURES

Power dissipation

P_{CM} : 0.2W (Tamb=25°C)

Collector current

I_F : 1A

Collector Voltage

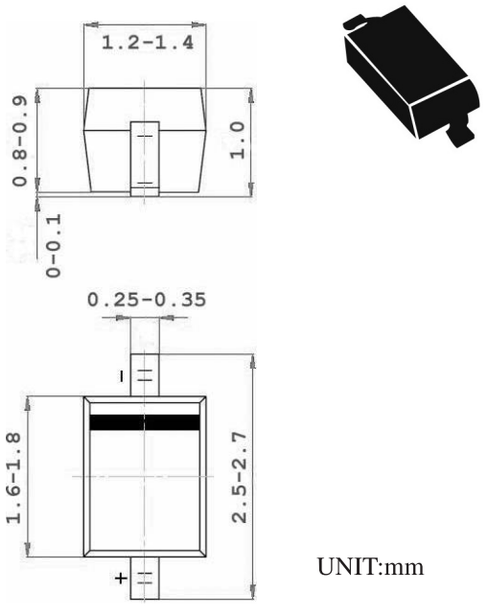
V_R : 40 V

Operating and storage junction temperature range

T_J, T_{stg} : -55°C to +150°C

MARKING: SL

SOD-323



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25℃ ambient temperature unless otherwise specified.

ELECTRICAL CHARACTERISTICS

Parameters	Symbols	Test conditions	Min.	Max.	UNITS
Reverse Breakdown Voltage	$V_{(BR)}$	I_R =1mA	40		V
Reverse Voltage Leakage Current	I_R	V_R=40V		1	mA
Forward Voltage	V_F	I_F=1A I_F=3A		0.6 0.9	V
Diode Capacitance	C_D	V_R =4V, f=1MHz		120	pF