

SCHOTTKY BARRIER DIODE

 VOLTAGE RANGE: 40 VOLTS
 CURRENT: 1A

FEATURES

Power dissipation

$$P_{CM} : 0.2W (T_{amb}=25^{\circ}C)$$

Collector current

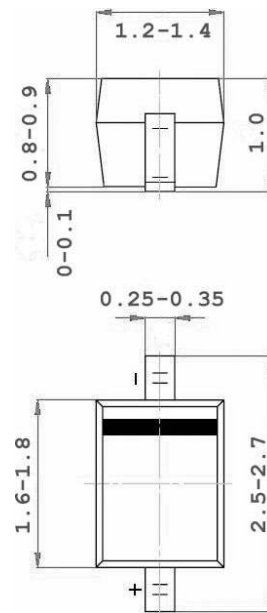
$$I_F : 1A$$

Collector Voltage

$$V_R : 40 V$$

Operating and storage junction temperature range

$$T_J, T_{stg} : -55^{\circ}C \text{ to } +150^{\circ}C$$

MARKING: SL
SOD-323


UNIT:mm

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C 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

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