



**浩畅半导体**  
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**1SS357**

SCHOTTKY DIODES

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公司签章：

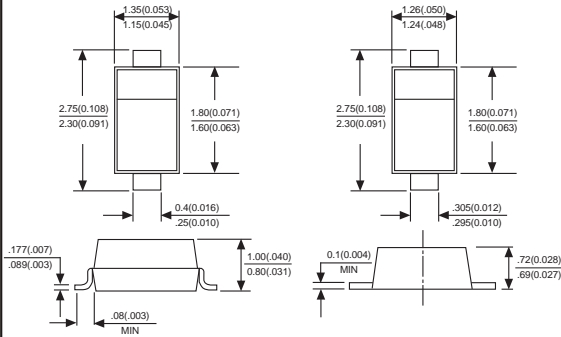
部门	工程部	品保部	采购部	
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# 1SS357

## SCHOTTKY DIODES

### SOD-323



Dimensions in millimeters and (inches)

### FEATURES

- ◆ Small package
- ◆ Low VF, low IR

### MECHANICAL DATA

**Case:** Molded plastic body

**Terminals:** Plated leads solderable per MIL-STD-750, Method 2026

**Polarity:** Polarity symbols marked on case

**Marking:** S31

### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Maximum ratings and electrical characteristics, Single diode @ $T_A=25^{\circ}\text{C}$

PARAMETER	SYMBOLS	LIMITS	UNITS
Peak reverse voltage	$V_{RM}$	45	V
DC reverse voltage	$V_R$	40	V
Mean rectifying current	$I_o$	0.1	A
Peak forward surge current	$I_{FSM}$	1	A
Junction temperature	$T_J$	125	$^{\circ}\text{C}$
Storage temperature	$T_{STG}$	-55 to +125	$^{\circ}\text{C}$

Electrical ratings @ $T_A=25^{\circ}\text{C}$

PARAMETER	SYMBOLS	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$		0.28		V	$I_F=1\text{mA}$
			0.36		V	$I_F=10\text{mA}$
				0.6	V	$I_F=100\text{mA}$
Reverse current	$I_R$			5	$\mu\text{A}$	$V_R=40\text{V}$
Capacitance between terminals	$C_T$			25	pF	$V_R=0, f=1.0\text{MHz}$

# RATINGS AND CHARACTERISTIC CURVES 1SS357

