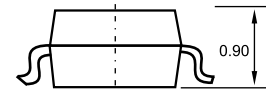
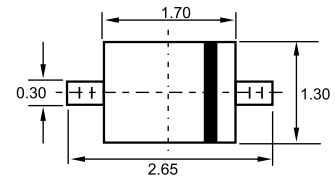


### SOD-323



### Features

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

### Applications

- ◇ High speed switching.

Dimensions in inches and (millimeters)

### Ordering Information

Type No.	Marking	Package Code
1SS380	6D	SOD-323

### MAXIMUM RATING @ Ta=25°C unless otherwise specified

Parameter	Symbol	Limits	Unit
Peak reverse voltage	$V_{RM}$	40	V
DC Reverse Voltage	$V_R$	35	V
Peak forward Current	$I_{FSM}$	225	mA
Average Rectified Output Current	$I_O$	100	mA
Power Dissipation	$P_D$	200	mW
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{STG}$	-55~+125	°C

### ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$			1.2	V	$I_F=100mA$
Reverse current	$I_R$			15	nA	$V_R=20V$
Capacitance between terminals	$C_T$			5	pF	$V_R=0.5V, f=1MHz$