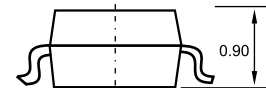
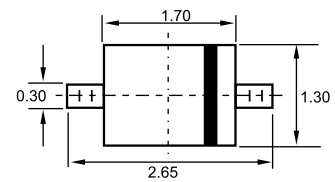


SOD-323



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	$V_R=0.5V, f=1MHz$