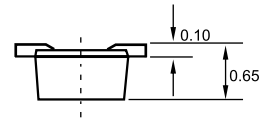
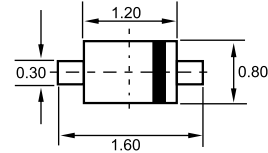


SOD-523



Dimensions in inches and (millimeters)

FEATURE

- ◇ Small surface mounting type
- ◇ Low I_R
- ◇ High reliability

Maximum Ratings and Electrical Characteristics, Single Diode @Ta=25°C

Parameter	Symbol	Limit	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_o	200	mA
Peak forward surge current	I_{FSM}	1	A
Power dissipation	P_D	150	mW
Thermal resistance junction to ambient	$R_{\theta JA}$	667	°C/W
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-55~+150	°C

Electrical Ratings @Ta=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			0.6	V	$I_F=200mA$
Reverse current	I_R			1	μA	$V_R=10V$

Typical Characteristics

