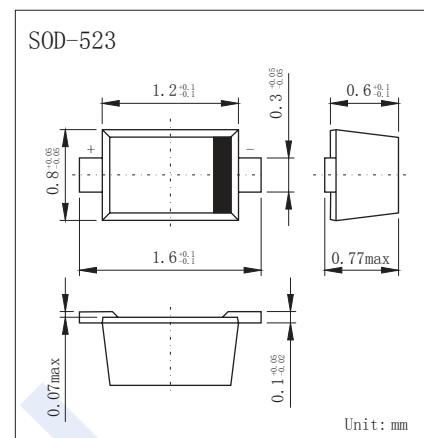


## ESD Protection Diodes

### ESD5B5.0

**■ Features**

- Low Leakage
- Transient Voltage Suppressors for ESD Protection



**■ Absolute Maximum Ratings Ta = 25°C**

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	200	mW
Lead Solder Temperature-Maximum	TL	260	
Junction Temperature	TJ	150	°C
Storage Temperature range	Tstg	-55 to 150	

**■ Electrical Characteristics Ta = 25°C**

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	VR	IR= 1 mA	5.6		8.5	V
Reverse voltage leakage current	IR	VR= 5 V			1	uA
Junction capacitance	Cj	VR= 0 V, f= 1 MHz		35		pF