

Electrostatic discharge Protection Devices(ESD)

FEATURES

- Low leakage.
- Bi-direction ESDprotection of one line.
- Low diode capacitance

MECHANICAL DATA

- Case style:SOD-882 molded plastic
- Polarity:color band denotes positive end
(cathode) except for bidirectional
- Mounting position:any

SOD-882

MAXIMUM RATINGS AND CHARACTERISTICS

@ 25°C Ambient Temperature (unless otherwise noted)

Parameter	Symbol	Value	Units
IEC6100-4-2(ESD) Air Contact	V_{ESD}	± 15 ± 8	KV
JUNCTION Temperature	T_J	150	°C
Storage Temperature Range	T_{STG}	-65to+150	°C

Electrical Specification ($T_A=25@25^\circ\text{C}$ unless otherwise specified)

Type NO.	Reverse Stand-Off Voltage	Reverse Current	Breakdown Voltage			Diode Capacitance		
	V_{RMW}	$I_{RM}@V_{RWM}$	V_{BR}		C_d	@f	@ V_R	
	Max(V)	Max(uA)	Min(V)	Max(V)	VC(V)	IPP(A)	IR(uA)	
ESDBL5V0HP	5.0	0.1	5.5	9.5	5.0	10.8	38.0	1000.0