



# ESDB5VHP

## 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	$V_{ESD}$	$\pm 15$ $\pm 8$	KV
JUNCTION Temperature	$T_J$	-55to+150	°C
Storage Temperature Range	$T_{STG}$	-55to+150	°C

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

Type NO.	Marking	Reverse Stand-Off Voltage	Reverse Current	Breakdown Voltage		Junction Capacitance		
		$V_{RMW}$	$I_{RM}@V_{RWM}$	$V_{BR}$	@ $I_T$	$C_J$	@f	$V_R$
		Max(V)	Max(uA)	Min(V)	(mA)	typ.(pF)	MHz	V
ESDB5VHP	P5	5.0	1	5.6	1.0	35	1	0