

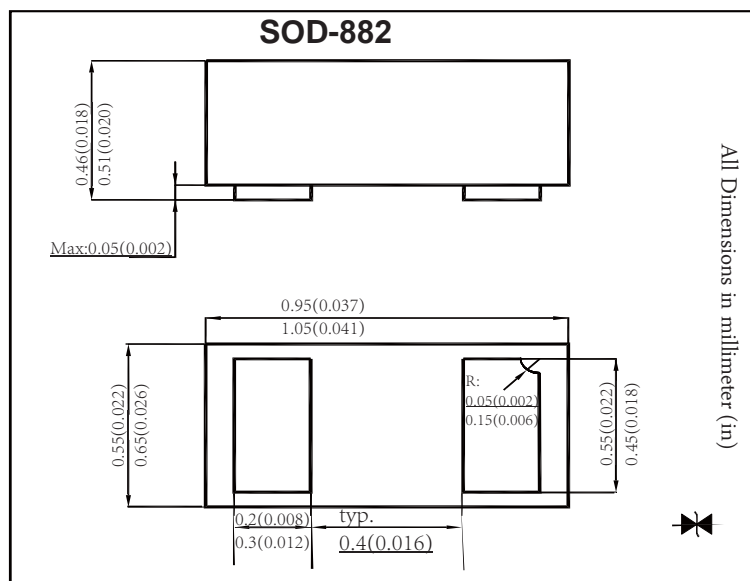
Electrostatic discharge Protection Devices(ESD)

FEATURES

- Low Leakage Current
- Bi-direction high reliability

MECHANICAL DATA

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



MAXIMUM RATINGS AND CHARACTERISTICS

@ 25°C Ambient Temperature (unless otherwise noted)

Absolute Maximum Ratings (T_a = 25°C)

Parameter	Symbol	Value	Unit
IEC61000-4-2 (ESD) Air Contact	V _{ESD}	±15 ± 8	KV
Peak Pulse Power On FR-5 Board ¹⁾	P _D	300	mW
Thermal Resistance Junction to Ambient Air	R _{θJA}	400	°C/W
Junction Temperature	T _j	- 55 to + 150	°C
Storage Temperature Range	T _{stg}	- 55 to + 150	°C

¹⁾FR-5 = 1.0 X 0.75 X 0.62 in .

Characteristics at T_a = 25°C

Type	Marking Code	Reverse Stand-off Voltage	Reverse Current	Breakdown Voltage			Clamping Voltage	Reverse Peak Pulse Current	Capacitance		
		V _{RWM}	I _R at V _{RWM}	V _{BR}		at I _T	V _C at I _{PP}	I _{PP}	C _j	at f	at V _R
		Max. (V)	Max. (μA)	Min. (V)	Max. (V)	(mA)	Max. (V)	(A)	Typ. (pF)	(MHz)	(V)
ESDBL3V3P	C	3.3	1	5	7	1	10.5	1	15	1	0
ESDBL5V0P	E	5	1	5.8	7.8	1	12.5	1	15	1	0

PACKAGE INFORMATION

Device	Package	Shipping
ESDBL3V3P- -ESDBL5V0P	SOD-882	5000/Tape&Reel