

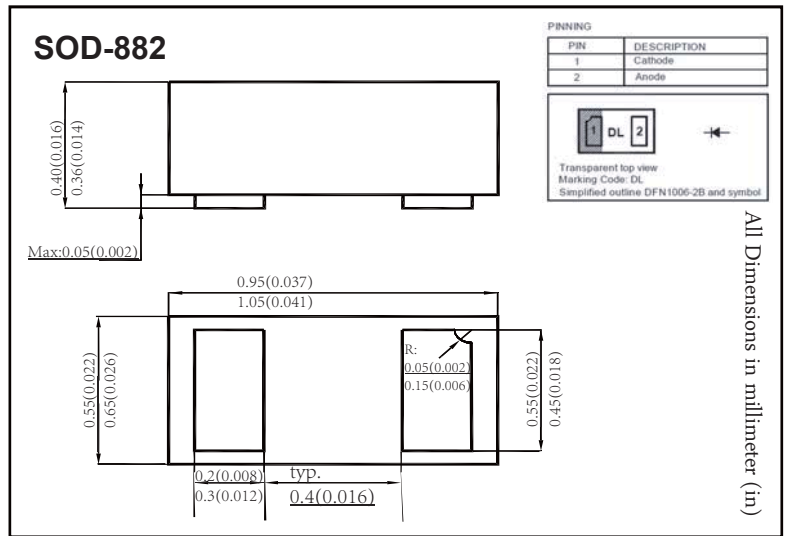
Electrostatic discharge Protection Devices(ESD)

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



MAXIMUM RATINGS AND CHARACTERISTICS

@ 25°C Ambient Temperature (unless otherwise noted)

Absolute Maximum Ratings (T_a = 25°C)

Parameter	Air Contact	Symbol	Value	Unit
IEC61000-4-2 (ESD)		V _{ESD}	±15 ± 8	KV
Peak Pulse Current (t _p = 8/20 us)		I _{PP}	1	A
Peak Pulse Power (t _p = 8/20 us)		P _{pk}	15	W
Junction Temperature		T _j	- 55 to + 125	°C
Storage Temperature Range		T _{stg}	- 55 to + 150	°C

Characteristics at T_a = 25°C

Parameter	Symbol	Min.	Max.	Unit
Reverse Stand-Off Voltage	V _{RWM}	-	5	V
Reverse Breakdown Voltage at I _R = 1 mA	V _{BR}	6	10	V
Reverse Current at V _{RWM} = 5 V	I _R	-	100	nA
Clamping Voltage at I _{PP} = 1 A, t _p = 8/20 μs	V _C	-	10	V
Junction Capacitance at V _R = 0 V, f = 1 MHz	C _d	-	7	pF

Marking Code: DL