ESD9L5V0C

Electrolstatic discharge Protection Devices(ESD)

FEATURES

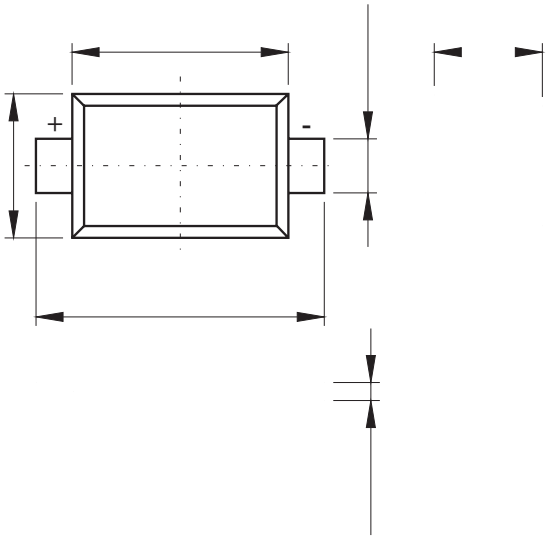
- Reverse working(Stand-off) voltages:5 V
- Low leakage.
- Response time is typically<1ns.
- ESD Rating of Class 3(>16kV) per Human Body Model.
- IEC61000-4-2Level 4 ESD Protection.

APPLICATIONS

ŏDesigned to protect voltage sensitive components from ESD and transient.

ŏCase style:S 9 molded plastic

SOD-923

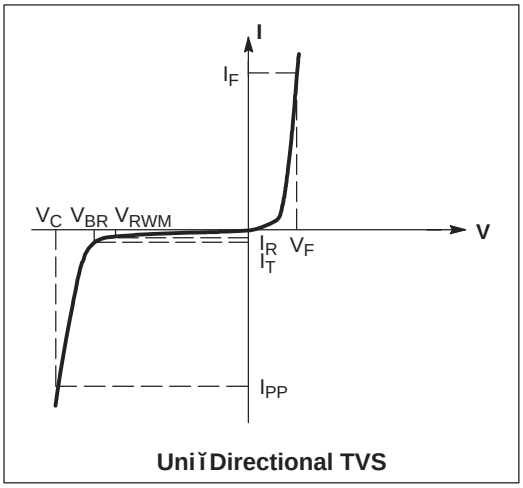


MAXIMUM RATINGS AND CHARACTERISTICS

@ 25ÁC Ambient Temperature (unless otherwise noted)

Rating	Symbol	Value	Unit

Symbol	Parameter
I_{PP}	Maximum Reverse Peak Pulse Current
V_C	Clamping Voltage @ I_{PP}
V_{RWM}	Working Peak Reverse Voltage
I_R	Maximum Reverse Leakage Current @ V_{RWM}
V_{BR}	Breakdown Voltage @ I_T
I_T	Test Current
I_F	Forward Current
V_F	Forward Voltage @ I_F
P_{pk}	Peak Power Dissipation
C	Capacitance @ V_R = 0 and f = 1.0 MHz



Uni ĭ Directional TVS

Device	Device Marking	V_{RWM} (V)	I_R (μA) @ V_{RWM}	V_{BR} (V) @ I_T (Note 2)	I_T	C (pF)	V_C (V) @ I_{PP} = 1 A (Note 3)	V_C
		Max	Max	Min	mA			