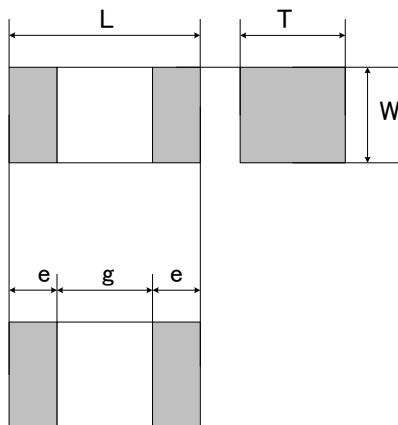


### 1. Features

- Bi-directional
- Protection for the IEC61000-4-2(ESD)  $\pm 15\text{kV}$ (air),  $\pm 15\text{kV}$ (contact)
- Ultra low capacitance (0.05pF)
- No distortion
- RoHS regulation conformity parts

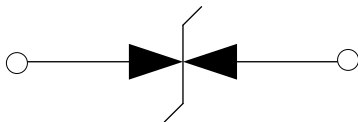
### 2. Mechanical details



(unit : mm)

Mark	Dimension
L	0.60±0.03
W	0.30±0.03
T	0.30±0.03
e	0.15±0.05
g	0.20 min

### 3. Schematic



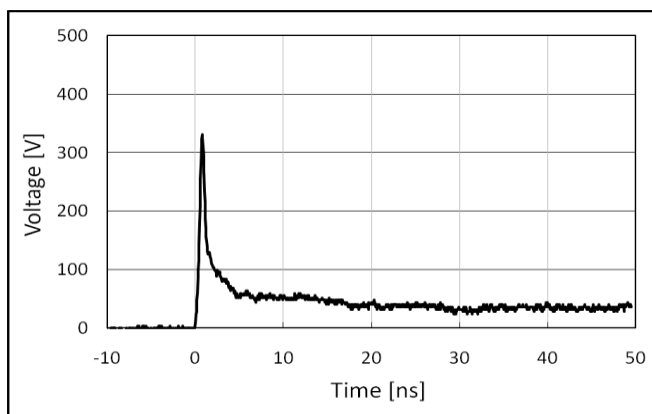
### 4. Maximum Ratings

Parameter	Ratings	Units
Operating Voltage	15	V
ESD per IEC 61000-4-2 (air) ESD per IEC 61000-4-2 (contact)	$\pm 15$	kV
Operating Temperature	-40 to +85	°C
Storage Temperature	-40 to +85	°C

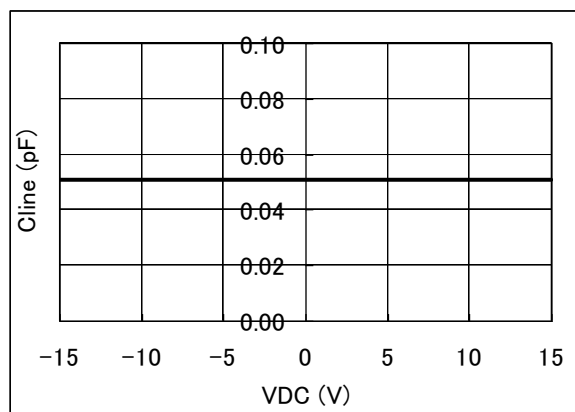
### 5. Electrical Characteristics (T=25 °C)

Parameter	Conditions	Min	Typ	Max	Units
Capacitance	Vbias=0V, 1MHz		0.05		pF

### 6. Typical Characteristic

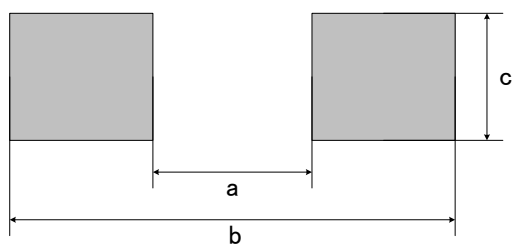


ESD Waveform (IEC61000-4-2: 8kV Contact)



Voltage – Capacitance Characteristic

### 7. Soldering Footprint



(unit : mm)

Mark	Dimension
a	0.25
b	0.8
c	0.3

Notes : this land layout is for reference purpose only.

