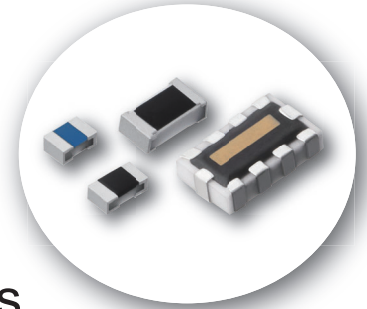


ESD Suppressors



Contributes to ESD countermeasures for high-speed data lines and RF antenna circuits

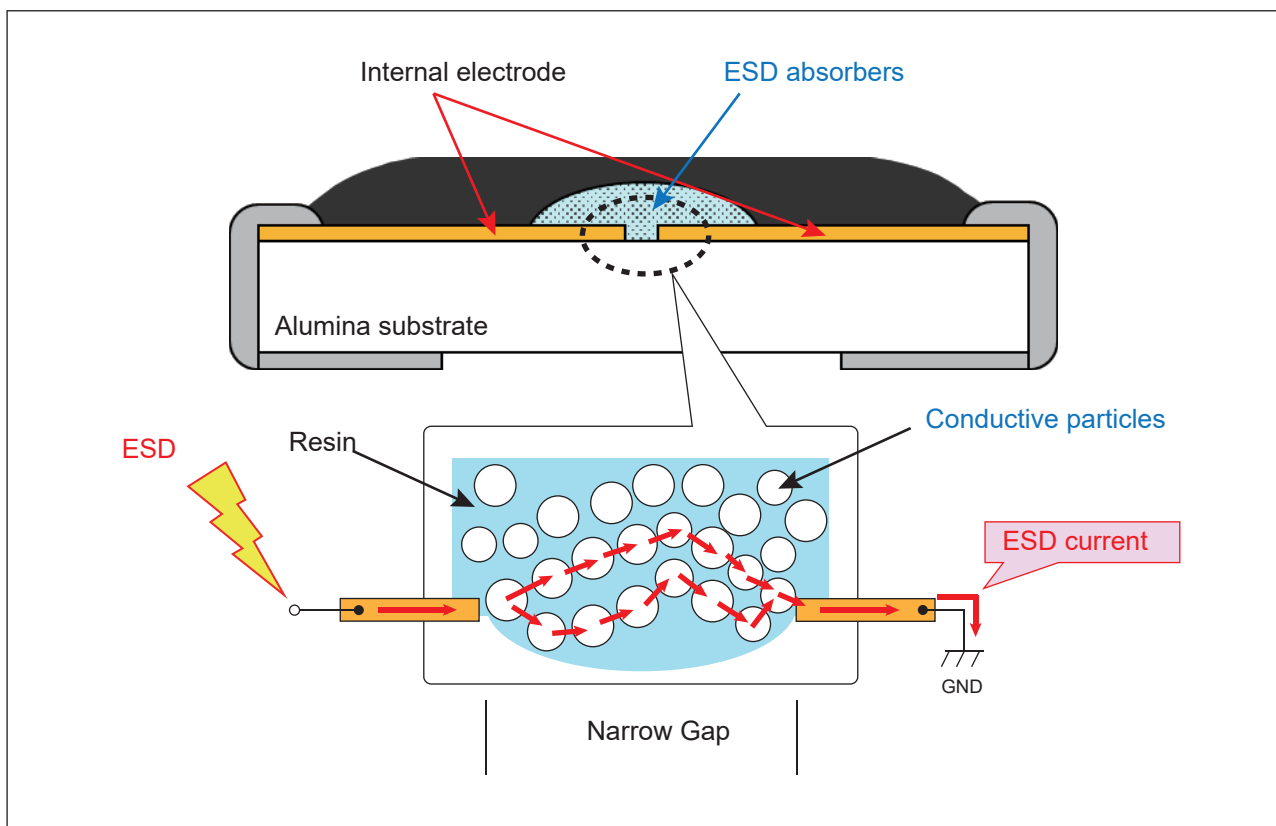
Product summary

- Low capacitance ESD components using gap discharge

Features

- Low capacitance (0.1 pF or less)
 - : Supports high-speed transmission (>Gbps) and high frequencies (>GHz)
- Excellent ESD suppression effect
- High ESD resistance (IEC61000-4-2, 15 kV contact/air discharge)

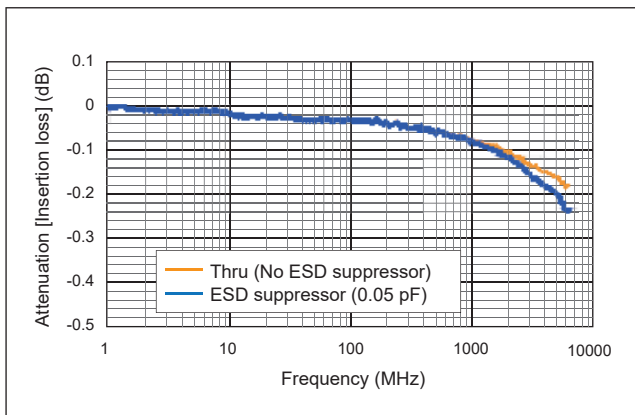
Structure & principle of operation



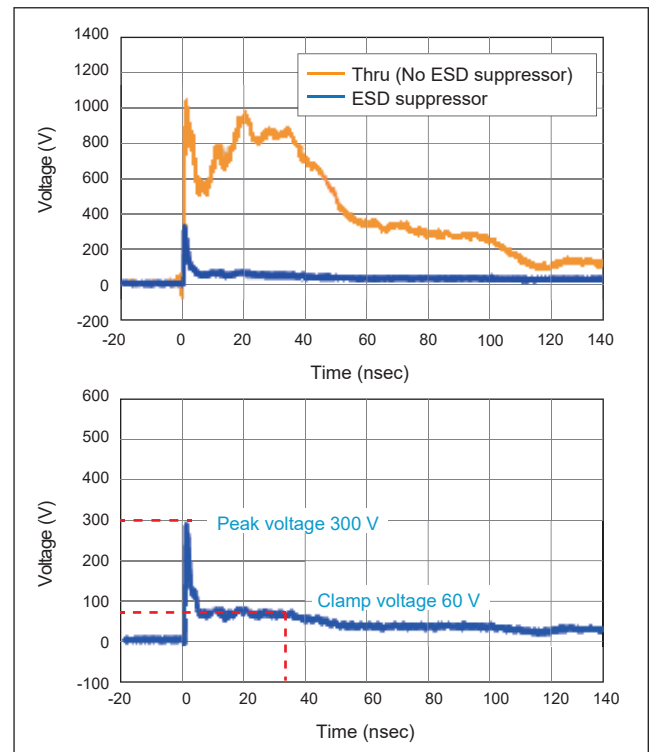
Product line-up

	Single				Array
Part No.	EZAEG2A50AX	EZAEG3A50AV	EZAEG1N50AC	EZAEG2N50AX	EZAEGCA50AV
Size (inch) (mm)	0402 1005 (1.0x0.5)	0603 1608 (1.6x0.8)	0201 0603 (0.6x0.3)	0402 1005 (1.0x0.5)	0805 2012 (2.0x1.25)
Capacitance (pF)	0.10 max. (0.05 typical)	0.20 max. (0.10 typical)	0.08 max. (0.04 typical)	0.10 max. (0.05 typical)	0.30 max. (0.25 typical)
Peak voltage (V max.)	500 (300 V typical)				
Clamp voltage (V max.)	100				
ESD resistance (kV)	8 (Contact discharge)		15 (Contact discharge + Air discharge)		8 (Contact discharge)
Rated voltage (V)	30				15

Frequency characteristic



ESD suppression effect



Use cases

RF Antenna Circuit

