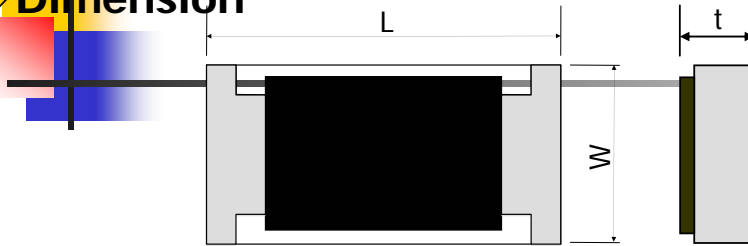




ESD Suppressor type: EZAEG

Dimension



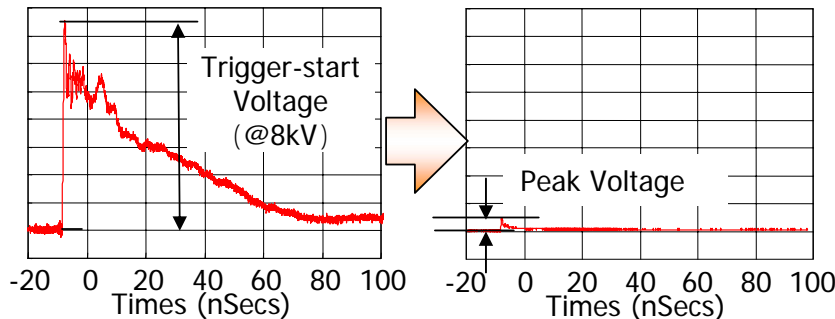
P/N	(inch/mm)	L	W	t
EZAEG2A	0402/1005	0.039/1.0	0.02/0.5	0.02/0.38
EZAEG3A	0603/1608	0.063/1.6	0.03/0.8	0.02/0.5

Specification

Cap. Value	EZAEG2A	0.05pF
	EZAEG3A	0.10pF
Peak voltage	500V max. (350V typ.)	
Clump Voltage (after 30ns)	100V max.	
Rated Voltage	15V(30V)	

ESD Suppression Voltage Waveform Image

ESD Voltage Initial Waveform Waveform after Clumping



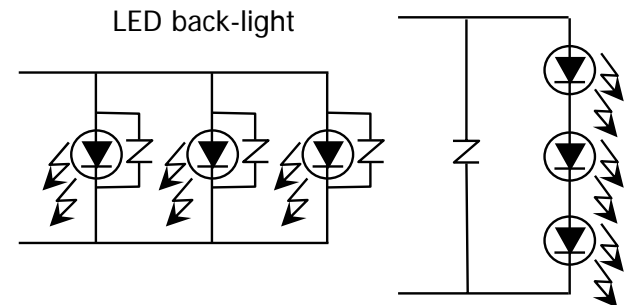
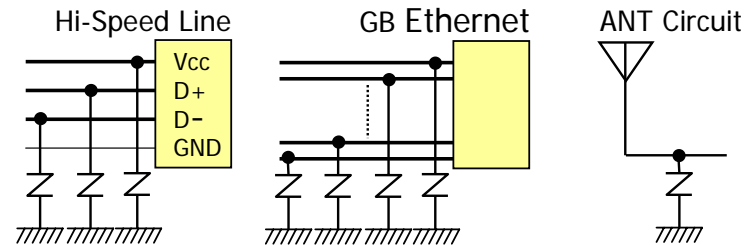
Feature

0.1pF typ.

1. Ultra Low Cap. Value
2. Good ESD Suppression Characteristic

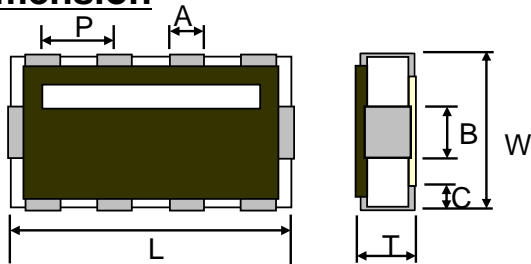
Application

1. ANT Circuit of Mobile equipment
2. Hi-Speed Signal Line
(USB, IEEE1394, **HDMI**, SATA, Display Port etc.)
3. each I/O Line & LED Circuit etc.



ESD Suppressor array EZAEGCA type

Dimension



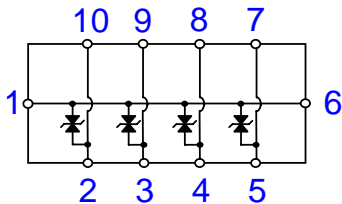
L	W	T	A	B	C	P
2.0	1.2	0.5	0.3	0.35	0.25	0.5

(mm)

Feature

- (1) ESD protection for 2 pairs of Hi-Speed Differential Data Lines (HDMI etc.) in one package
- (2) Low Capacitance (Good TDR Characteristic)

Circuit Configuration



GND: 1,6
In/Out: 2,3,4,5,
7,8,9,10

4 Signal lines are contained in the product

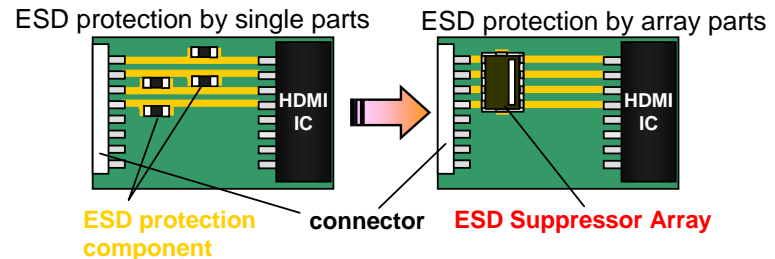
Specification

C value	0.25+0.05/-0.10pF
Peak voltage	500V max.(350V typ.)
Clamping voltage(after 30ns)	100V max.
Rated voltage	15V(I/O to GND)
Rated current	100mA max.(I/O to I/O)

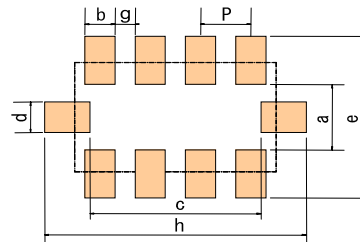
Application

High-Speed Data line : HDMI,IEEE1394

Application note



Recommended Land Pattern Design



a	b	c	d	e	g	h	P
0.75	0.25	1.70	0.35	1.85	0.25	2.60	0.50

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