

# SMD Transient Voltage Suppressors

## Low Capacitance series

EH series is special designed for ESD transients protection.

It meets IEC61000-4-2 ESD test Standard level 4. The capacitance value is under 1pF that can apply for ultra high speed data line.

## Part Number Identification

Size	Fuction	Working Voltage	Capacitance	Inner Code
0402	EH	240	0R20	P
0402=1.0x0.5(mm)	ESD for High Speed	060=6x10 <sup>0</sup> =6(V)	0R20=0.2x10 <sup>0</sup> =0.2(pF)	
0603=1.6x0.8(mm)		120=12x10 <sup>0</sup> =12(V)		
		240=24x10 <sup>0</sup> =24(V)		

## Features

- ESD function
- 0402~0603
- Capacitance Value <1pF
- Meet IEC61000-4-2 Level 4 ESD standard
- Meet RoHS Requirement

## Application

- USB3.0 / HDMI / DP
- Antenna
- Differential Signal

## Specification

Part No,	Working Voltage	Trigger Voltage	Clamping Voltage	Leakage Current		Capacitance Value	ESD Contact	ESD Air
				uA(max) (initial State)	uA(max) (After Test)			
(Unit)	VDC (max)	Vtrigger (Typ.)	Vclamp (Typ.)			pF	KV	KV
0402EH060-0R20P	6	300	30	0.050	10	0.2~0.3	≥8	≥15
0402EH120-0R20P	12	300	30	0.050	10	0.2~0.3	≥8	≥15
0402EH240-0R20P	24	300	30	0.050	10	0.2~0.3	≥8	≥15
0603EH060-0R20P	6	300	30	0.050	10	0.2~0.3	≥8	≥15
0603EH120-0R20P	12	300	30	0.050	10	0.2~0.3	≥8	≥15
0603EH240-0R20P	24	300	30	0.050	10	0.2~0.3	≥8	≥15