

Using breakthrough technology,
we aim for products that will create new markets.

New Product News

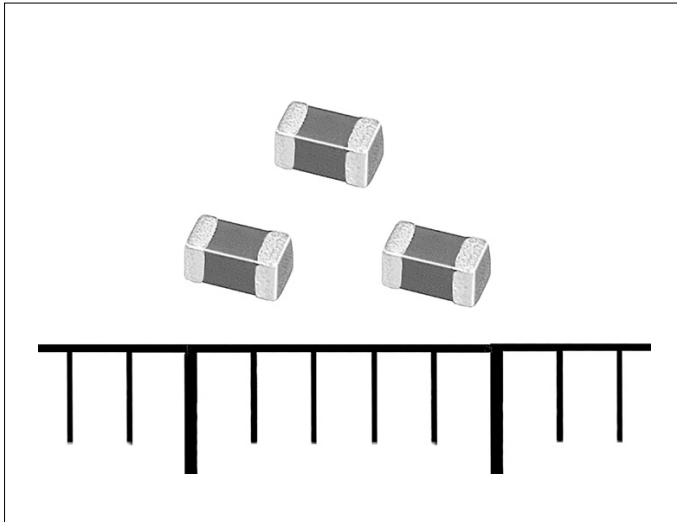
New series of Multilayer Varistor

Varistor

Multilayer Varistor(ST), Chip Type 0603

Industry/Field: Industrial equipment, OA / Information, Mobile communication, AV, Home appliances, Amusement, Electronic instruments

Small Varistor, Suitable for ESD and Pulse noise protection for Power and Audio signal line



• Development Target:

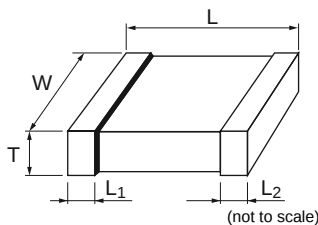
ESD and Pulse noise protection For power of The electronic equipment

• Features:

- ① varistor with high capacitance, Fast response to high speed transient over voltage
- ② Large withstanding ESD and energy at small size
- ③ Excelent solderability and superior heat resistance

• Number of industrial property rights: 70

• Construction:



Unit : mm

Size	0603	0805
L	1.60±0.15	2.00±0.20
W	0.80±0.15	1.25±0.10
T	0.80±0.15	1.00/1.25
L1, L2	0.35±0.20	0.50±0.25

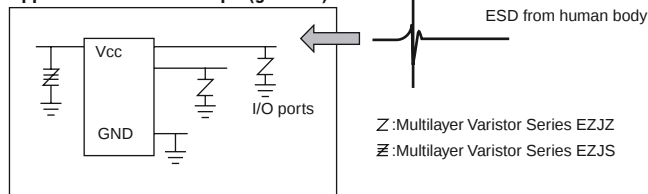
• Characteristics/specifications:

Part No.	EZJS1VB183	EZJS1VC392	EZJS1VD182	EZJS2VB223	EZJS2YC822	EZJS2YD472
Chip Size	0603	0603	0603	0805	0805	0805
Maximum Allowable Voltage	DC6 V	DC18 V	DC30 V	DC6 V	DC18 V	DC30 V
Varistor Voltage 0.1mA	12 V	30 V	50 V	12 V	30 V	50 V
Capacitance 1MHz (typical)	18000 pF	3900 pF	1800 pF	22000 pF	8200 pF	4700 pF
ESD IEC61000-4-2	30 kV	30 kV	30 kV	30 kV	30 kV	30 kV

• Applications/usage examples:

- For The sensor, The electromagnetic valve, Relay, motor, cellular telephone, PDA, PC, HDD, CD-R, DSC

Application circuit example(general)



• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11	12
E	Z	J	S	1	V	B	1	8	3		
Product Code			Type Code	Size Code	Packaging Code	Maximum Allowable Voltage	Nominal Capacitance		Design Code		