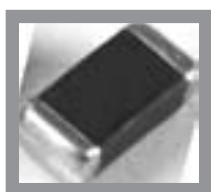


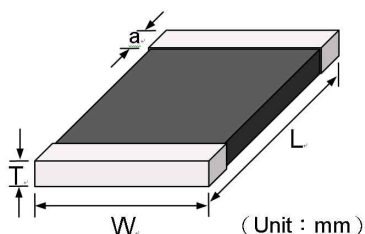
BSP series

FEATURES

1. The operation temperature range enlarge from "-40°C~+85°C" to "-40°C~+125°C"
2. The non-linear coefficient α is higher than 25.
3. The maximum peak current is 3000A for +/- 1 times.
4. Before surge test, the leakage current is lower than 1uA.
5. ESD ability is contact 30KV for +/- 1000 times
6. The clamped voltage can lower than 25V.



DIMENSIONS



Model	1206 Series	1210 Series
Length(L)	3.2 ±0.2mm	3.2 ±0.3mm
Width(W)	1.67 ±0.15mm	2.5 ±0.2mm
Thickness(T)	1.70 mm Max	2.50 mm Max
Termination(a)	0.5±0.2mm	0.5±0.25mm

BW Part Number	Working Voltage	Brake down Voltage	Clamping Voltage	Surge Current
	V/DC	V	V@1A, 8/20μS	kV(10*700us)
BSP1206V3R3-6K	3.3	12	< 25	6
BSP1206V3R3-4K	3.3	12	< 25	4
BSP1210A024-6K	24(AC)	47	< 75	6
BSP1210A024-4K	24(AC)	47	< 75	4
BSP1210V057-6K	57	75	< 100	6
BSP1210V057-4K	57	75	< 100	4

APPLICATIONS

- Applications for Mother Board, Notebook, Cellular Phone, PDA, handheld device,
- DSC, DV, Scanner, and Set-Top Box... etc.

PARTNUMBER

BSP	1206	V	3R3	—	6K	F	V
A	B	C	D		E	F	G

A: Series
 B: Dimension
 C: Voltage
 D: Max. AC working voltage 3R3 = 3.3V
 E: Surge Current
 F: Lead Free Code
 G: ID Code