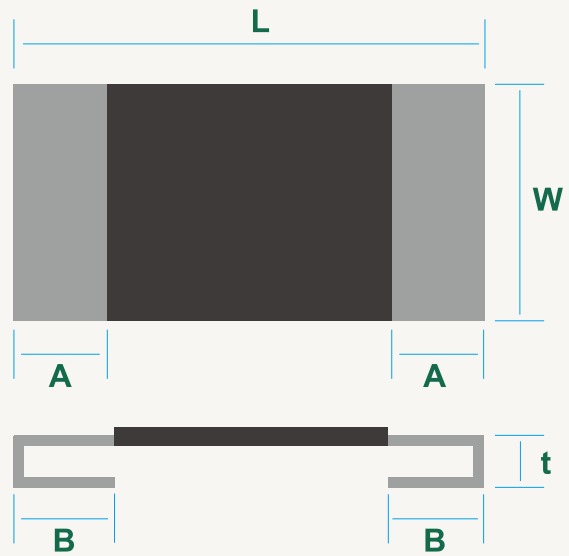


Features

- ◆ Safe guard on low voltage transient circuit:
I/O port, RS232, USB, DVI, VGA
- ◆ No insertion loss
- ◆ Low leakage current
- ◆ Chip size: 0402 to 0805
- ◆ Lead free, RoHs compliant for global applications and halogen free

Application

- ◆ Personal computer/ Notebook/Tablet PC
- ◆ Mobile phone/Game/Digital Camera
- ◆ LED TV/ STB/ Disc Driver
- ◆ Multi-function printer/scanner/ projector
- ◆ High Speed Data Line and DV ports:
USB 2.0, IEEE 1394, DVI, Wireless LAN and HUBs



Electrical Specification

Series	ESD Capability ¹	Max. Operating Voltage	Trigger Voltage (Typ.)	Clamping Voltage (Typ.)	Capacitance ²	Leakage Current (@12VDC)	Response Time	ESD Pulse Resistance ³
WEPT0402	Direct Discharge: 8KV Air Discharge: 15KV	24 VDC	—	—	<1pF	<0.005uA	<1ns	>1000 pulses
WEPT0603			—	—				
WEPT0805			—	—				

Notes:

- (1)The function meets with the requirement of IEC 61000-4-2 specification.
- (2)Capacitance measured at 1.8 GHz by RLC meter.
- (3)Testing under IEC 61000-4-2 level 4, 30A @ 8 KV contact discharge, 15KV air discharge

Dimension

Size	Dimensions (mm)				
	L	W	t	A	B
0402(1005mm)	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10
0603(1608mm)	1.55±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.35±0.20
0805(2012mm)	2.0±0.15	1.25±0.15	0.50±0.10	0.40±0.20	0.35±0.20