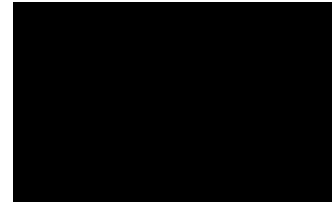




## FEATURES

- 350 Watts peak pulse power per line ( $t_P=8/20\mu s$ )
- Protect for two I/O lines with bi-directional
- Low clamping voltage
- Working voltage: 36V
- Low leakage current
- RoHS compliant



SOT-23

## MAIN APPLICATIONS

- RS-232, RS-422 & RS-485
- Servers, notebook, and desktop
- Cellular handsets and accessories
- Control & monitoring systems
- Portable electronics
- Wireless bus protection
- Set-top box



Pin Configuration

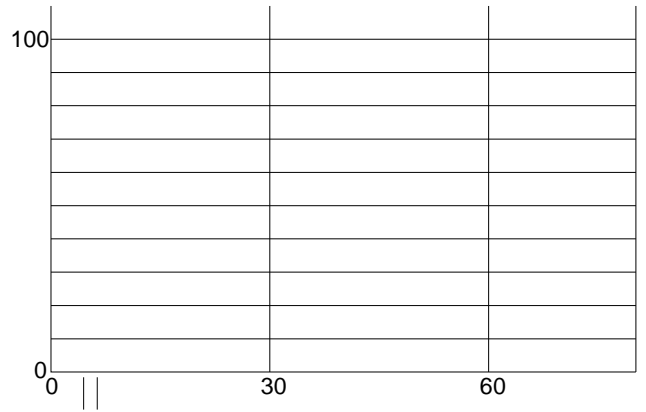
## PROTECTION SOLUTION TO MEET

- IEC61000-4-2 (ESD)  $\pm 30kV$  (air),  $\pm 30kV$  (contact)
- IEC61000-4-4 (EFT) 40A (5/50ns)
- IEC61000-4-5 (Lightning) 6A(8/20 $\mu s$ )

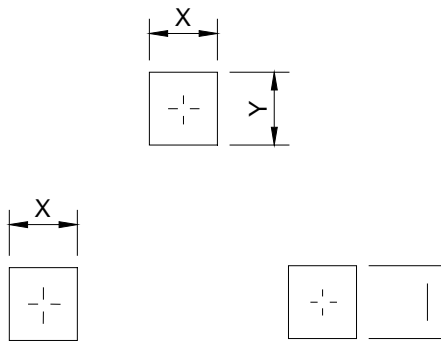
## MECHANICAL CHARACTERISTICS

- SOT-23 package
- Molding compound flammability rating :UL 94V-0
- Weight 8 milligrams (approximate)
- Quantity per reel: 3,000pcs
- Lead finish: lead free
- Marking code: DB2

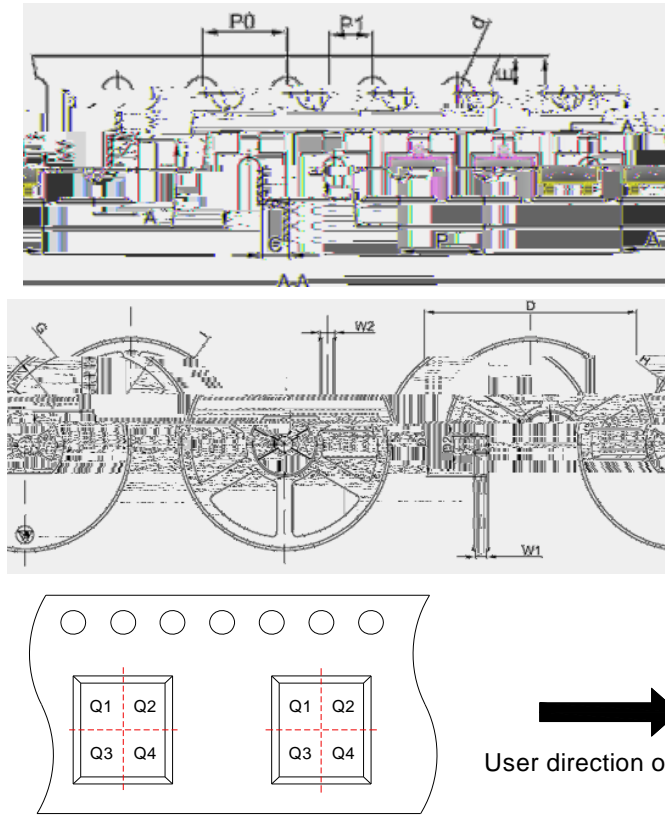
ABSOLUTE MAXIMUM RATINGS



PACKAGE MECHANICAL DATA



TAPE AND REEL SPECIFICATION SOT23



Pin 1 quadrant: Q3

Packaging Description:

SOT-23 parts are shipped in tape. The carrier tape is made from a dissipative(carbon filled) polycarbonate resin. The cover tape is a multilayer film(heat activated adhesive in nature)primarily composed of polyester film, adhesive layer, sealant, and anti-static sprayed agent. These reeled parts in standard option are shipped with 3,000units per 7" or 17.8cm diameter reel. The reels are clear in color and made of polystyrene plastic(anti-static coated).

Symbol	Millimeters	Inches
	Typ.	Typ.
A	3.15	0.124
B	2.77	0.109
C	1.22	0.048
d	1.50	0.059
E	1.75	0.069
F	3.50	0.138
P0	4.00	0.157
P	4.00	0.157
P1	2.00	0.079
W	8.00	0.315
D	178	7.008
D1	54.40	2.142
D2	13.00	0.512
G	R78.00	R3.071
H	R25.60	R1.008
I	R6.50	R0.256
W1	9.50	0.374
W2	12.30	0.484

ORDERING INFORMATION

PART No.	PACKAGE TYPE	QUANTITY(PCS) REEL	DESCRIPTION
JEB36T2B	SOT-23	3,000	7 inch reel pack

