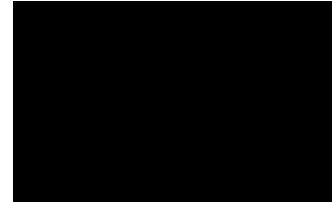




FEATURES

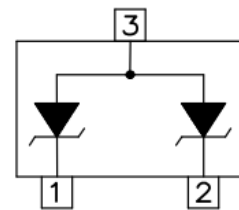
- 500 watts peak pulse power per line ($t_P=8/20\mu s$)
- Protects two I/O lines with uni-directional
- Low clamping voltage
- Working voltages:12V
- Low leakage current
- RoHS compliant



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) 20A(8/20 μs)

MECHANICAL CHARACTERISTICS

- SOT-23 package
- Molding compound flammability rating: UL 94V-0
- Weight 8 milligrams (approximate)
- Quantity per reel: 3,000 pcs
- Reel size: 7 inch
- Lead finish: lead free
- Marking code: AL2

ABSOLUTE

RATINGS AND V I CHARACTERISTICS CURVES ($T_A=25^\circ\text{C}$, unless otherwise noted)

FIG.3: Pulse derating curve

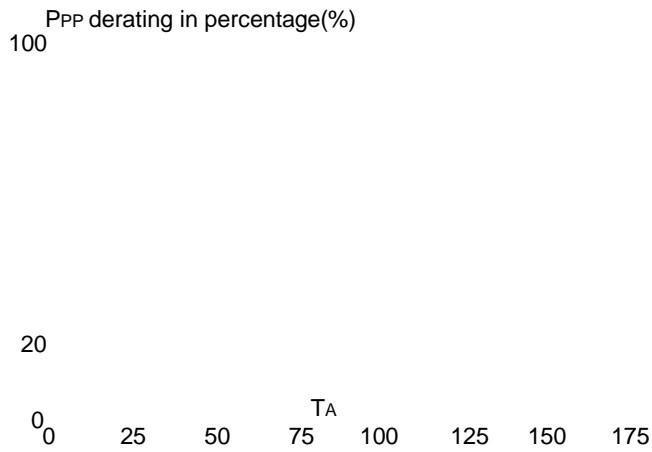
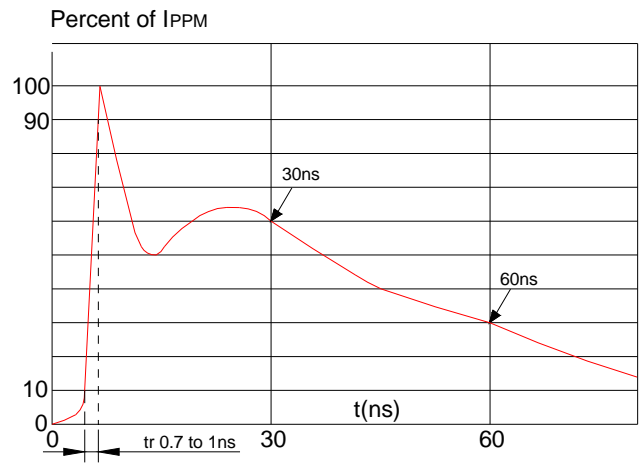


FIG.4: ESD clamping (30kV contact)



JEU12T2BL

TAPE AND REEL SPECIFICATION

JEU12T2BL