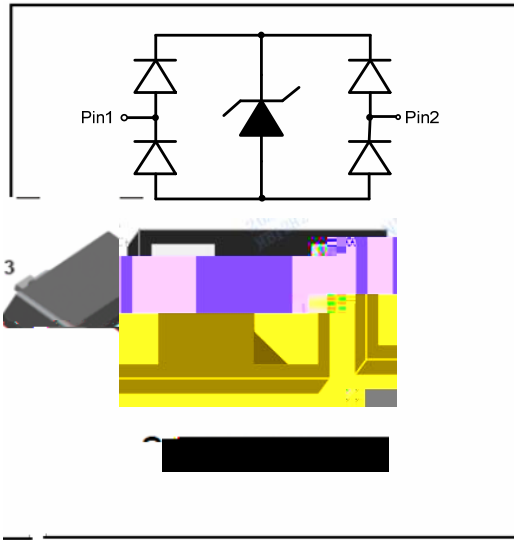


1- Line, Bi-directional, Ultra-low Capacitance Transient Voltage Suppressor

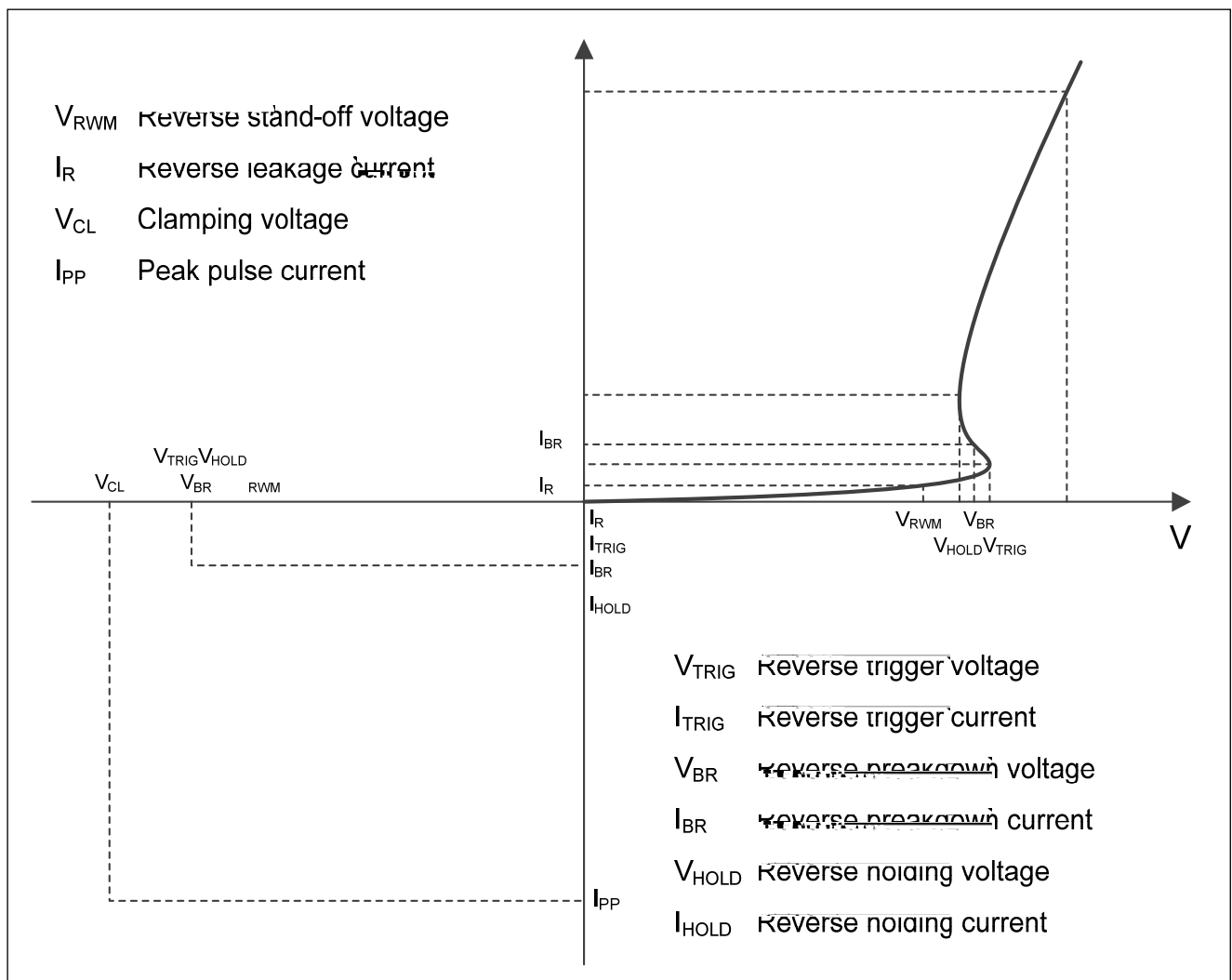


Features

- Stand-off voltage: 5V Max
- Transient protection for each line according to IEC61000-4-2(ESD): $\pm 15\text{kV}$ (contact)
IEC61000-4-5(surge): 4A (8/20 μs)
- Ultra-low capacitance: $C_j = 0.35\text{pF}$ typ
- Ultra-low inductance: $L_s = 0.1\text{nH}$ typ

- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end
- **Marking:** 5U

Definitions of Electrical Characteristics

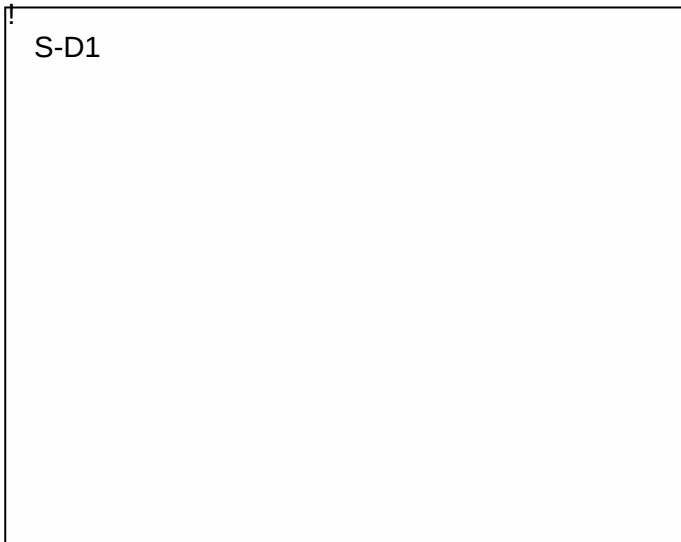






■ Outline Dimensions

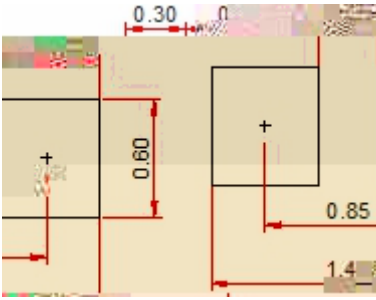
M



S-D1



■ Recommend land pattern (Unit:mm)



Notes:

This recommended land pattern is for reference purposes only. Please consult your manufacturing group to ensure your PCB design guidelines are met



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