

Model Usage Notes:

A. Features have been modelled

1. DC I-V sweep curve
2. Positive & Negative TLP curve
3. Bi-directional TVS Diode Operation
4. Capacitance vs. Frequency
5. IEC 61000-4-2 Level 4 ESD Protection
6. IEC 61000-4-4 EFT Protection
7. IEC 61000-4-5 Surge Protection
8. Ultra Low Leakage Current: 10-nA (Maximum)
9. Industrial Temperature Range: -40°C to $+125^{\circ}\text{C}$

B. Features haven't been modelled

1. Insertion Loss vs Frequency
2. Capacitance vs. Temperature (Figure 7)
3. Capacitance vs. Bias Voltage (Figure 6)

C. Application Notes

1. The model parameter DC=0 set for transient, AC simulations & DC=1 for DC simulation
2. 4 channels works independently & operates Bidirectionally
3. GND1 & GND2 pins are internally tied together
4. NC pins can be left floating or grounded for proper operation of the device