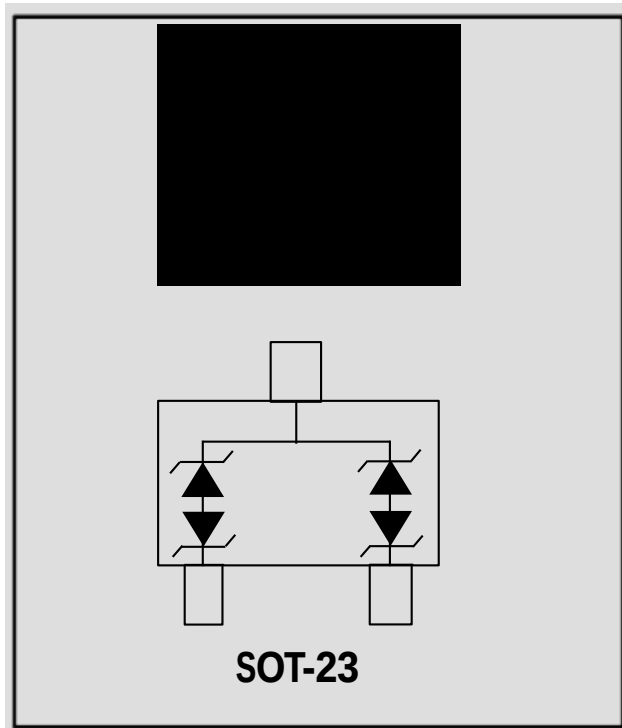


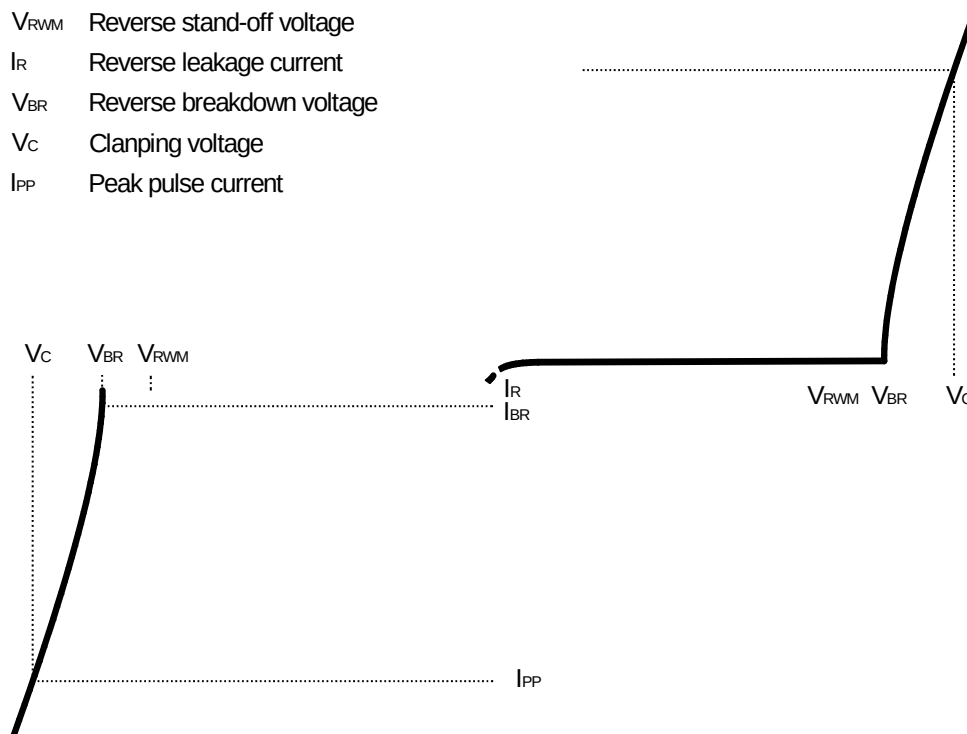
2- Line, Bi-directional, ESD protection diode



Features

- Transient protection for each line according to IEC61000-4-2(ESD): $\pm 30\text{kV}$ contact, $\pm 30\text{kV}$ air IEC61000-4-5:12A($t_p=8/20\mu\text{s}$)
- Low leakage current
- Ultra low clamping voltage
- V_{DS} = 0, I_{PP} = 5A

V_{RWM} Reverse stand-off voltage
 I_R Reverse leakage current
 V_{BR} Reverse breakdown voltage
 V_C Clamping voltage
 I_{PP} Peak pulse current





ESD0502EBSQ

■Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
-----------	--------	--------	------

Peak pulse power ($t_p = 8/20\mu s$)

P_{pk}



■ Outline Dimensions

■ Marking Information

5BS.

Note:

1. All marking is at middle of the product body
2. All marking is in laser marking
3. Body color: Black

