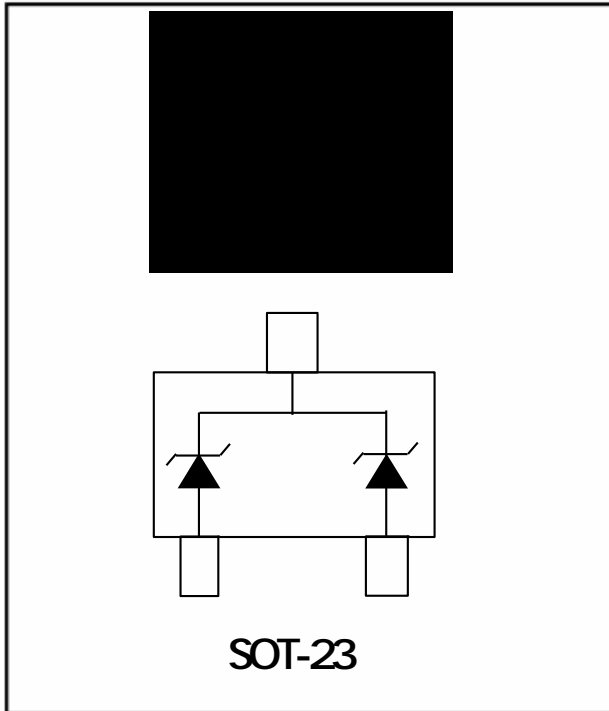


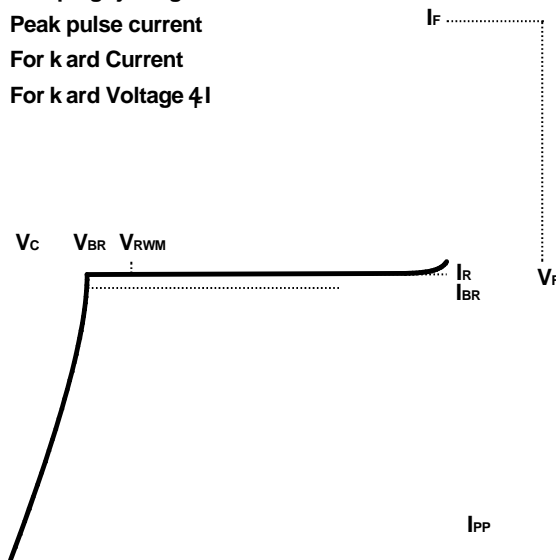
## 2- Line, Uni-directional, ESD protection diode

### Features

- Transient protection for each line according to IEC61000-4-2(ESD):  $\pm 30\text{kV}$  contact,  $\pm 30\text{kV}$  air
- IEC61000-4-5:8A ( $t_p=820\mu\text{s}$ )
- Low leakage current



- $V_{RS}$  Reverse stand-off voltage
- $I_R$  Reverse leakage current
- $V_{BR}$  Reverse breakdown voltage
- $V_C$  Clamping voltage
- $I_{PP}$  Peak pulse current
- $I_F$  Forward Current
- $V_F$  Forward Voltage





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### Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
Peak pulse power ( $t_p = 8/20\mu s$ )	$P_{pk}$	480	W



## Characteristics (Typical)

Fig.2: Peak Pulse Current vs Clamping Voltage

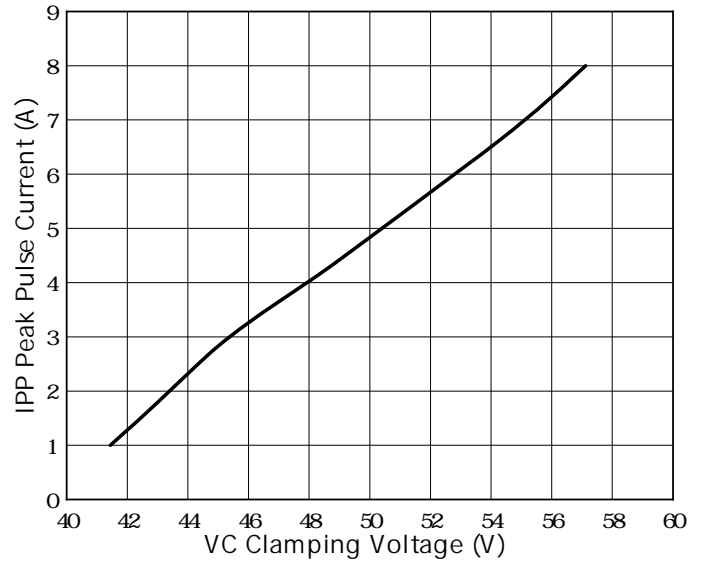
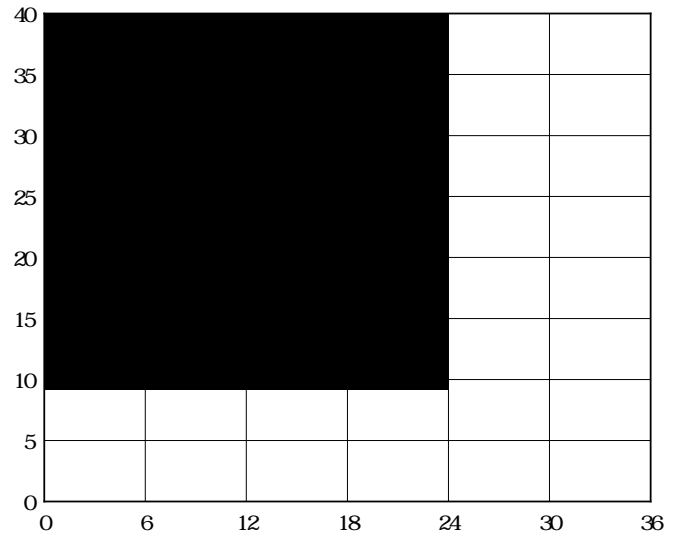
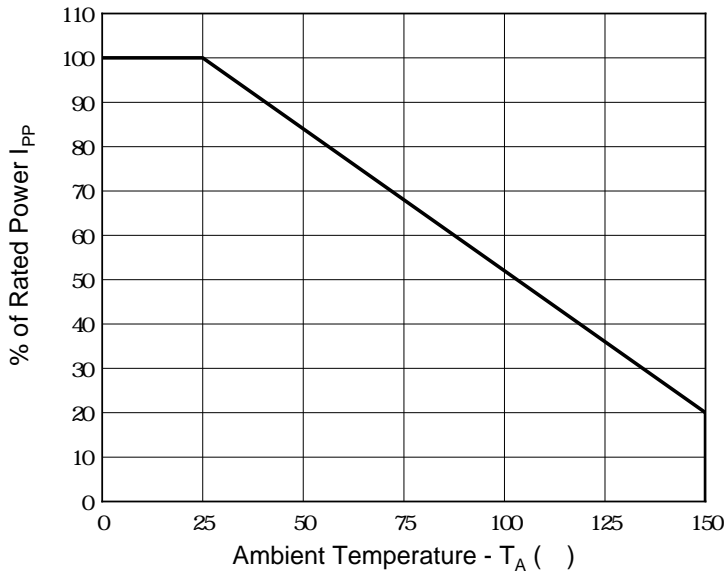


Fig.3: Power Derating Curve







## ESD3602ETAHQ

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