



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

### Features

Transient protection for each line according to

IEC61000-4-2(ESD):  $\pm 16\text{kV}$  contact,  $\pm 16\text{kV}$  air

IEC61000-4-5:3.5A( $t_p=8$  S) o /b !

F Y j Y f g Y g P U b X ! c Z Z j c ` P U [ Y  
# F Y j Y f g Y ` Y U \_ U [ Y W i f f Y b P  
J 6 F F Y j Y f g Y V f Y U \_ X c k b j c ` P U [ Y  
J 7 7 ` U b d ] b [ j c ` P U [ Y  
# D D Y U \_ d i ` g Y W i f f Y b P  
= : c f k U f X 7 i f f Y b P  
J : : c f k U f X J c ` P U [ Y 4 =



# ESD2702ESQ

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## Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
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Peak pulse power ( $t_p = 8/20\mu s$ )

$P_{pk}$



## Characteristics (Typical)

Fig.1: 8/20 $\mu$ s Pulse Waveform

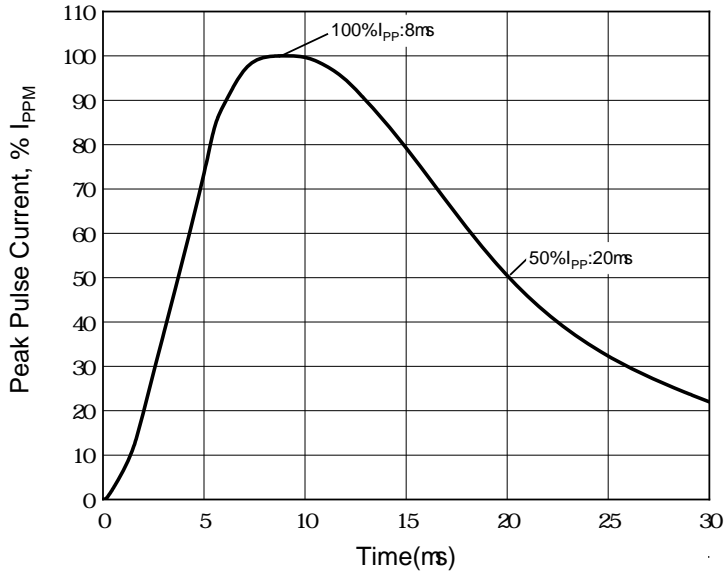


Fig.2: Peak Pulse Current vs Clamping Voltage

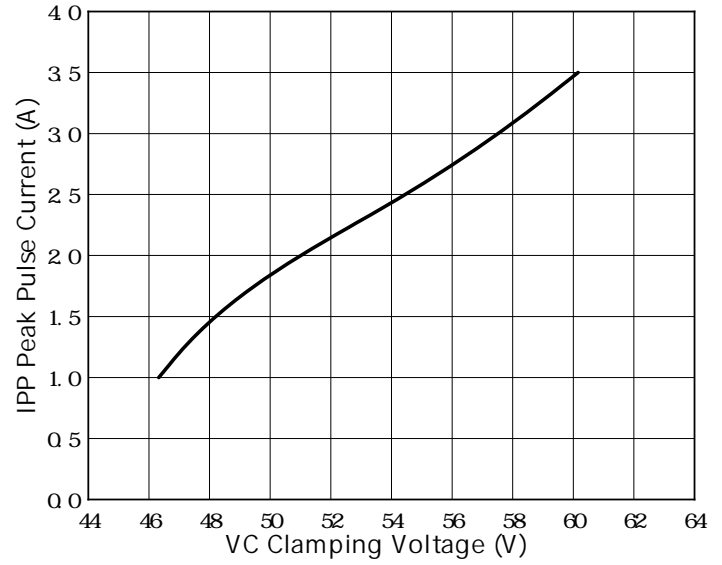


Fig.3: Power Derating Curve

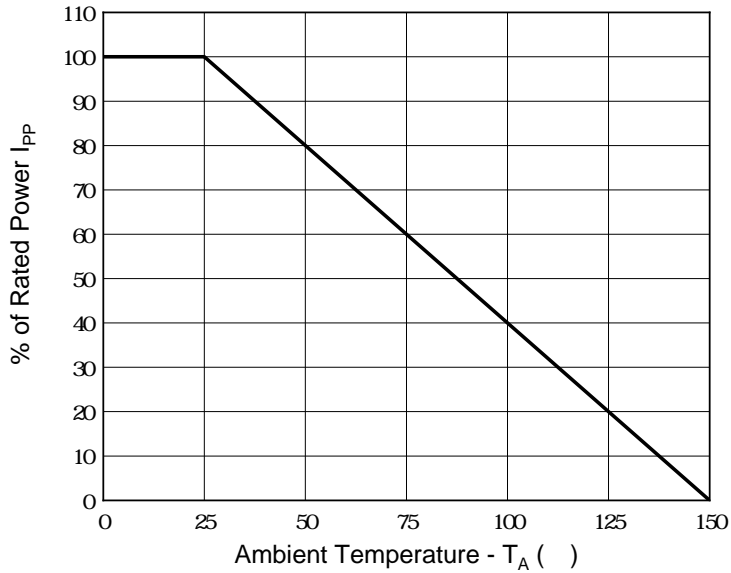
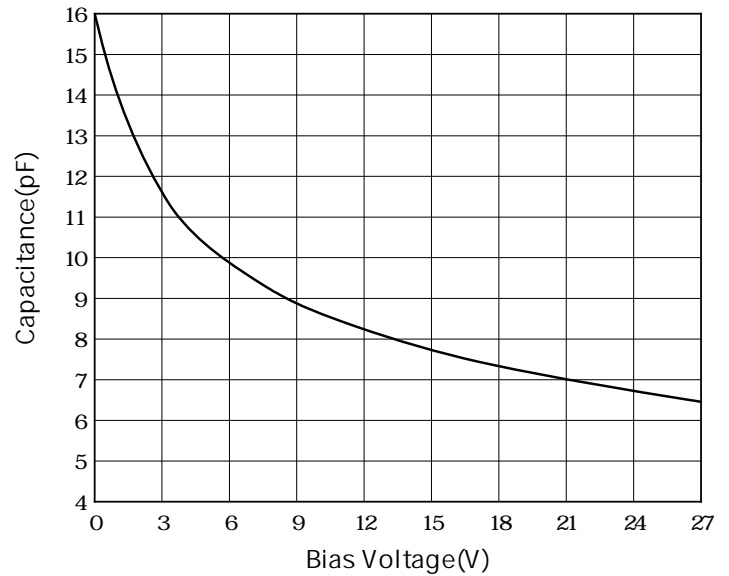
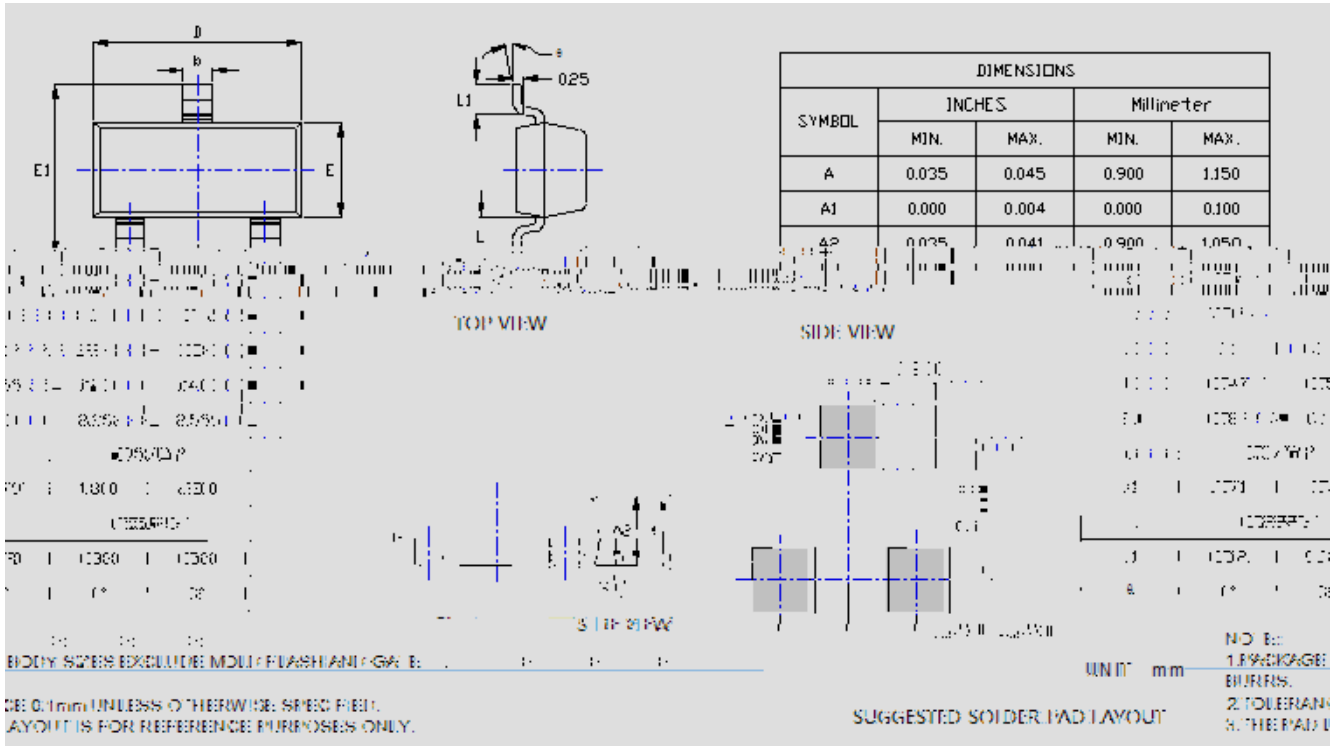


Fig.4: Capacitance vs. Bias

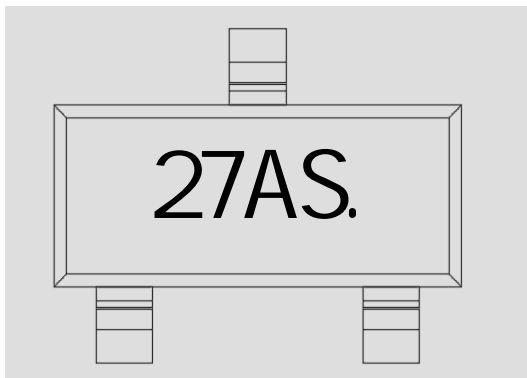




## Outline Dimensions



## Marking Information



**Note:**

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



## ESD2702ESQ

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### Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

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