



## Surge arrester

### 3-electrode arrester

**Series/Type:** T90-A230XFSMD  
**Ordering code:** B88069X6690T902  
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Marking, blue negative

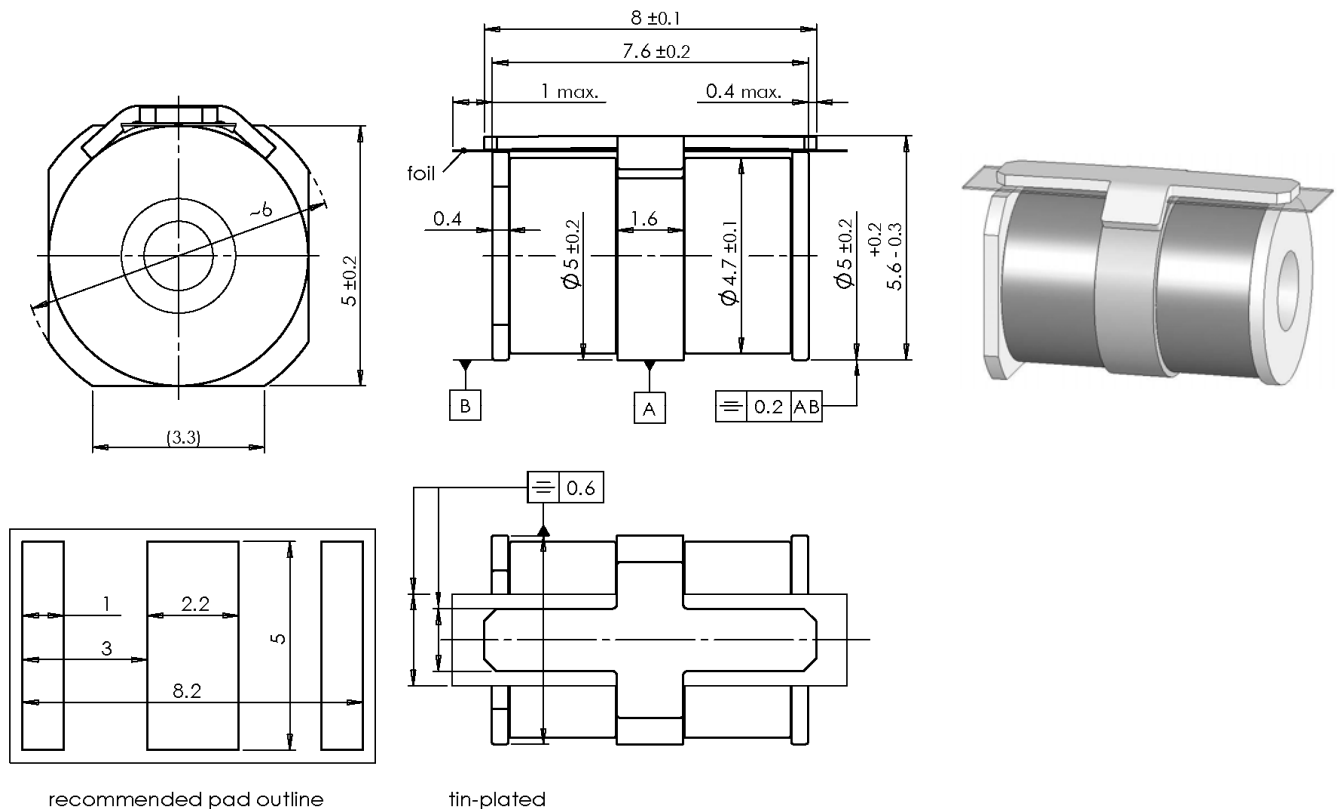
**EPCOS**  
**230 YY O**

 230 - Nominal voltage  
 YY - Year of production  
 O - Non radioactive

- 1) At delivery AQL 0.65 level II, DIN ISO 2859
  - 2) In ionized mode
  - 3) Tip or ring electrode to center electrode
  - 4) Total current through center electrode, half value through tip respectively ring electrode.
  - 5) Test according to ITU-T-Rec. K.12
- Terms in accordance with ITU-T Rec. K.12; IEC 61663-2 and IEC 61643-311.

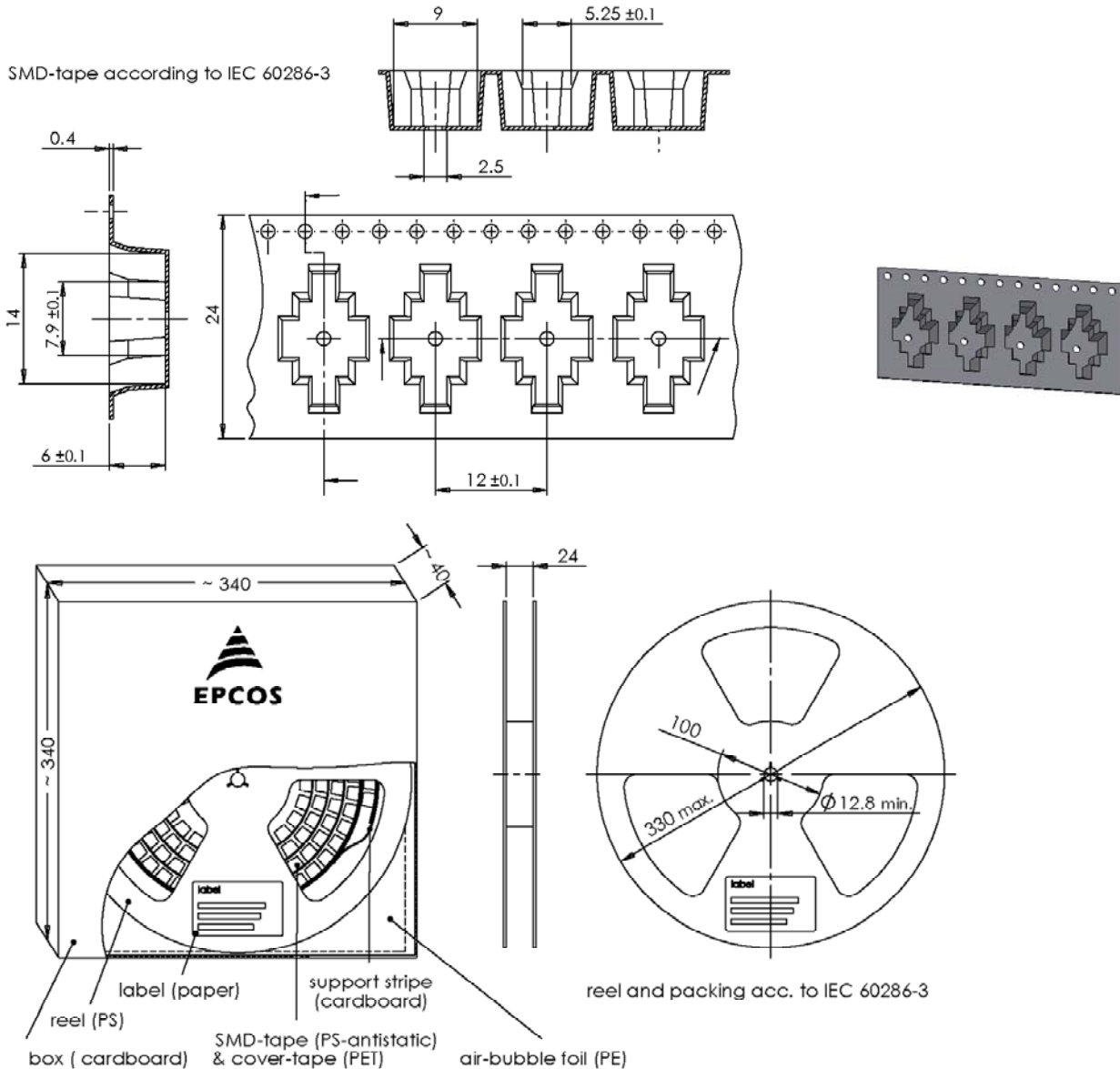
The arrester failsafe mechanism contains an insulating foil with a melting temperature of 260 °C.

Arrester fail safe works at temperatures > 260 °C. The arrester has to be fixed mechanically, if the arrester is contacted by soldering and if the solder temperature is less than 260 °C.

**Dimensional drawing in mm**


**Ordering code and packing advice**

**B88069X6690T902** = SMD-tape and reel with 900 pcs.


**Cautions and warnings**

- The short-circuit spring does not trigger until 260 °C is reached depending on the material. Care must be taken to limit the thermal radiation onto adjacent parts to safe values.
- Depending on the incorporation position, the surge arrester may have to be additionally secured by mechanical means.
- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- Surge arresters may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.

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