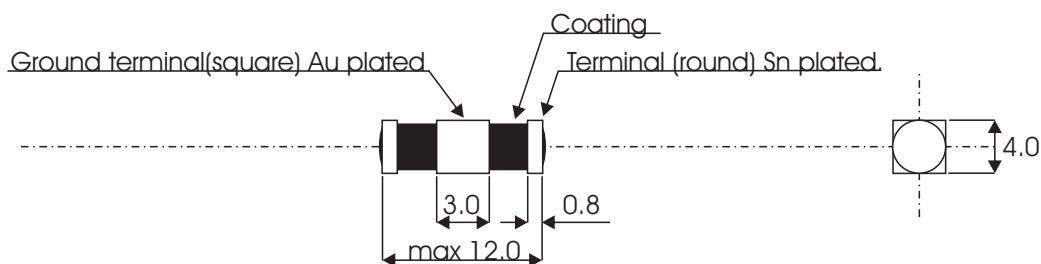


# Surface mountable PI-filter for EX applications according to EN 50 020

## 33825009D

Like 33825001D with improved solderability (Au plating on center terminal)



|                            |                             |
|----------------------------|-----------------------------|
| Working voltage.....       | 250Vdc.                     |
| Test voltage.....          | 1500Vdc 1min./1060Vac 1min. |
| Feed-through current.....  | max 10A                     |
| Insulation resistance..... | min 10000 MOhm.             |
| IEC category.....          | 55/085/56                   |
| Capacitance (total).....   | 4nF-0/+100%                 |
| Inductance.....            | 1000nH-50/+100%             |
| Soldering conditions.....  | max 250°C                   |
| Marking.....               | None.                       |

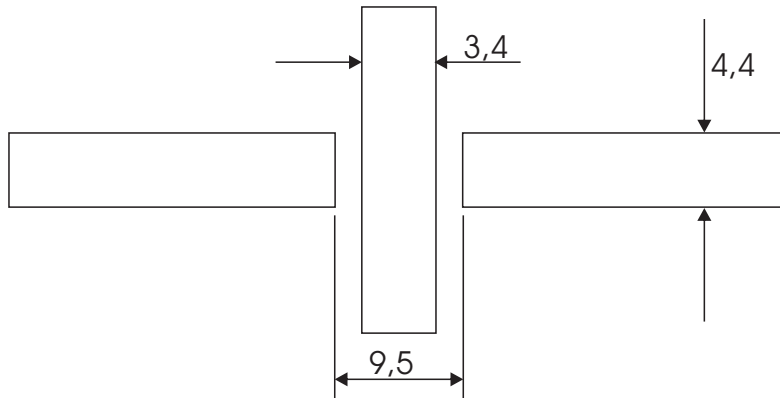
|                                   |                   |                  |
|-----------------------------------|-------------------|------------------|
| Attenuation (typical values)..... | Optimum screening | Open PCB surface |
|                                   | 1MHz 2dB          | 2dB              |
|                                   | 10MHz 25dB        | 25dB             |
|                                   | 100MHz 65dB       | 50dB             |
|                                   | 1000MHz 80dB      | 40dB             |

Surface mountable PI-filter

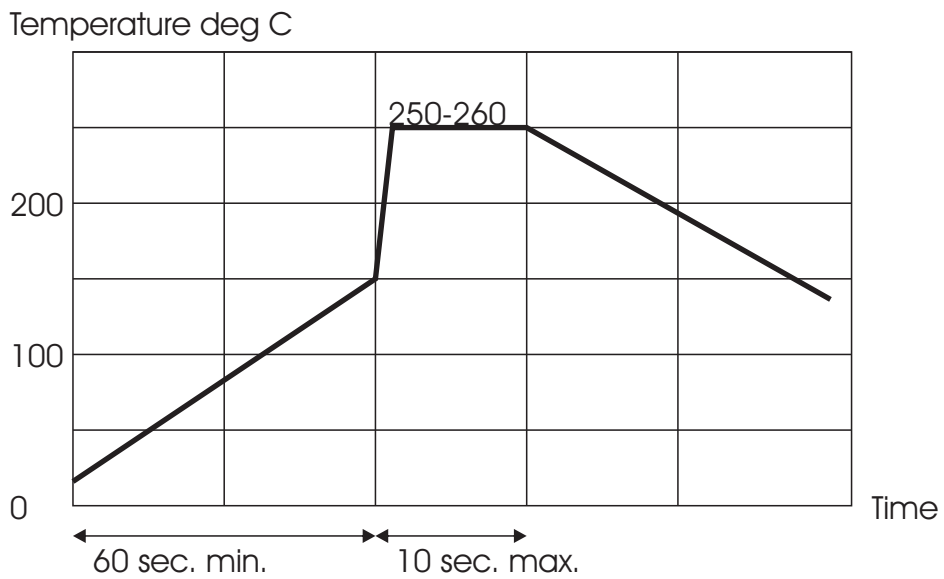
33825009D

Mounting information.

Recommended solder lands.



Reflow soldering profile.



Coplanarity: better than 0,1 mm. See drawing.

