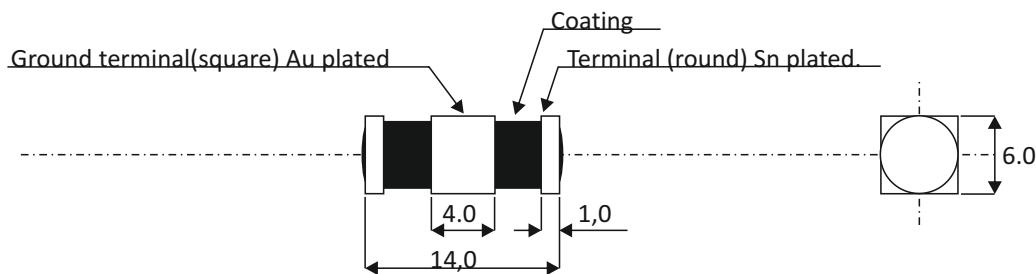


Surface mountable PI-filter for EX applications according to EN 50 020

33825081D/82D/83D/85D/87D/89D



| | |
|----------------------------|-----------------------------|
| Working voltage..... | 250Vdc. |
| Test voltage..... | 1500Vdc 1min./1060Vac 1min. |
| Feed-through current..... | See below |
| Insulation resistance..... | min 10000 MOhm. |
| IEC category..... | 55/085/56 |
| Capacitance (total)..... | See below |
| Inductance..... | 500nH-50/+100% |
| Attenuation | See below |
| Soldering conditions..... | max 250 °C |
| Marking | None. |

| Type numb. | Capacitance pF | Tolerance % | Imax A | Attenuation dB (typical values) 50 Ohm | | | | |
|------------|-------------------|----------------|-----------|--|------|-------|--------|------|
| | | | | 0,1MHz | 1MHz | 10MHz | 100MHz | 1GHz |
| 33825081D | 2x60pF | -20/+50% | 25 | 0 | 0 | 1 | 12 | 65 |
| 33825082D | 2x200pF | -20/+50% | 25 | 0 | 0 | 4 | 20 | 70 |
| 33825083D | 2x800pF | -20/+80% | 25 | 0 | 0 | 12 | 40 | 80 |
| 33825085D | 2x1500pF | GMV | 25 | 0 | 1 | 15 | 60 | 80 |
| 33825087D | 2x3000pF | GMV | 25 | 0 | 2 | 25 | 75 | 80 |
| 33825089D | 2x6000pF | GMV | 25 | 0 | 2 | 30 | 75 | 80 |

Above mentioned attenuation is measured under optimum conditions, with solid screening of the filter. Attenuation measured on an open PC-circuit surface will have a maximum of 50dB above 100MHz.