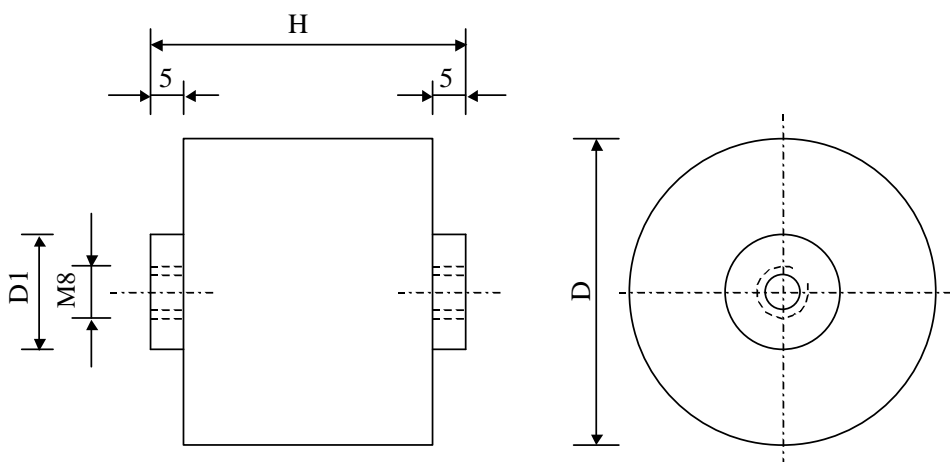


#5970

Power capacitors

PPM 200-2.0 uv J



Dielectric of metallized polypropylene - Plastic tube

Polyurethane resin end sealing - Threaded outputs

| Parameter                        | Symbol          |       | Value          | Unit           | Condition         |
|----------------------------------|-----------------|-------|----------------|----------------|-------------------|
| Capacitance                      | C               |       | 2              | $\mu\text{F}$  | 1 V / 1 kHz       |
| Tolerance                        |                 |       | $\pm 5$        | %              |                   |
| Rated voltage                    | Un DC           |       | 2000           | VDC            |                   |
| Surge Voltage                    | Us              | 10 ms | 4500           | V              | 1 x / month       |
| Rated voltage                    | Un RMS          |       | 850            | Veff           |                   |
| RMS Current max                  | Ieff            |       | 42             | A              | 10 kHz to 100 kHz |
| Impulse current                  | I $\ddot{t}$    |       | 25             | A $^2\text{s}$ | non. repetitive   |
| Tangent delta dielectric         | tg $\delta_o$   |       | 2              | $10^{-4}$      | 1 to 100 kHz      |
| Serie resistance                 | RS              |       | $\leq 1.2$     | m $\Omega$     |                   |
| Stray inductance                 | ESL             |       | $< 15$         | nH             |                   |
| Insulation resistance            | Ri x C          |       | $> 30'000$     | s              | 500 VDC - 1 min   |
| Test voltage between terminals   | U T1            |       | 3500           | VDC            | 10 s              |
| Test voltage terminals to case   | U T2            |       | 4000           | VAC            | 50 Hz / 1 min     |
| Climatic category (IEC68)        |                 |       | 40/85/56       |                |                   |
| Estimated operational life (-3%) |                 |       | $> 200'000$    | h              | Un DC - 70°C      |
|                                  |                 |       |                |                |                   |
| Dimension                        | Symbol          |       |                | Unit           | Conditions        |
| Diameter                         | $\varnothing D$ |       | 75             | mm             |                   |
| Height                           | H               |       | $62.5 \pm 1.0$ | mm             |                   |
| Terminals                        |                 |       |                |                |                   |
| Thread                           |                 |       | M8 x 8         | mm             |                   |
|                                  | D1              |       | 22             | mm             |                   |
|                                  |                 |       |                |                |                   |
|                                  | M1              |       |                |                |                   |
|                                  | M0              |       |                |                |                   |
|                                  | Modification    | Date  | Visa émetteur  |                |                   |

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