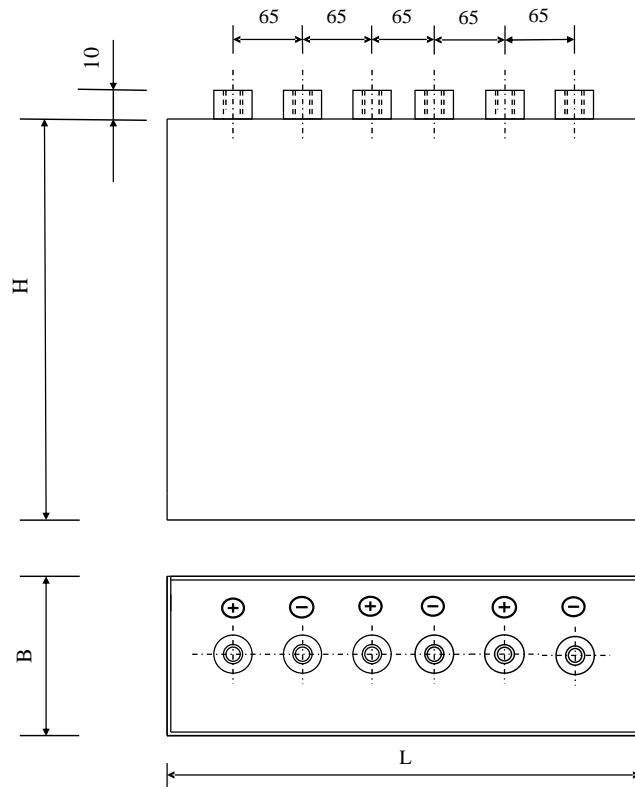


#6277

Metallized polypropylene capacitors

PPM 55-24500.0 r K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Stainless steel case

| Parameter                              | Symbol    | Value         | Unit                        | Condition         |
|--|-----------|---------------|-----------------------------|-------------------|
| Capacitance                            | C         | 24500         | $\mu\text{F}$               | 1 V / 100 Hz      |
| Tolerance                              |           | $\pm 10$      | %                           |                   |
| Rated voltage                          | Un DC     | 550           | VDC                         |                   |
| Non-recurrent surge voltage            | Us        | 1'000         | V                           |                   |
| Ripple voltage                         | Ur        | 100           | V                           | Peak to peak      |
| current                                | I cr. max | 50            | kA                          |                   |
| Surge current                          | I cr. max | 250           | kA                          |                   |
| Reated current                         | I RMS     | 250           | A                           |                   |
| Equivalent serie resistance            | ESR       | $\leq 0.3$    | $\text{m}\Omega$            | 1 kHz             |
| Stray inductance                       | ESL       | $\leq 50$     | nH                          |                   |
| Insulation resistance                  | Ri x C    | $> 10'000$    | s                           | 500 VDC - 1 min   |
| Thermal resistance (hs-a)              | Rth       | 0.47          | $^{\circ}\text{C}/\text{W}$ |                   |
| Test voltage between terminals         | U T1      | 1'000         | VDC                         | 10 s              |
| Test voltage between terminals to case | U T2      | 3'000         | VAC                         | 50 Hz - 1 min     |
| Operating temp.                        |           | $- 20 / + 70$ | $^{\circ}\text{C}$          |                   |
| Estimated operational life (-5 %)      |           | 100'000       | h                           | 550 V / 250 A RMS |

| Dimension    | Symbol       | Value  | Unit          | Conditions |
|--------------|--------------|--------|---------------|------------|
| Width        |              | 137    | mm            |            |
| Length       |              | 450    | mm            |            |
| Height       |              | 550    | mm            |            |
| Thread (6 x) |              | M8 x 8 | mm            |            |
|              | M1           |        |               |            |
|              | M0           |        |               |            |
|              | Modification | Date   | Visa émetteur |            |

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