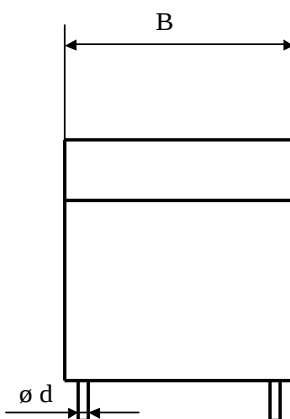
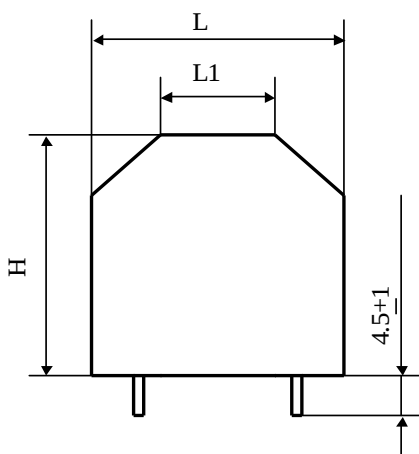
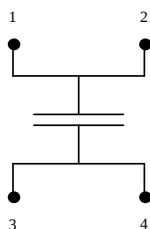
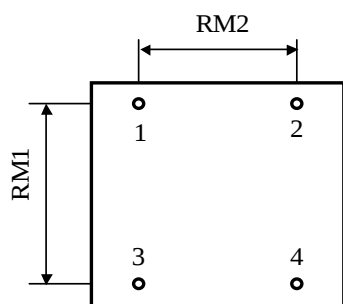


# METALLIZED POLYPROPYLENE CAPACITORS

PPMJC 30-15.0 g (K)



Printed circuit board mounting  
Self-extinguishing plastic housing  
Epoxy resin sealing

| Parameter                        | Symbol       |      | Value         | Unit             | Condition       |
|----------------------------------|--------------|------|---------------|------------------|-----------------|
| Capacitance                      | C            |      | 15            | μF               | 1 V / 1 kHz     |
| Tolerance                        |              |      | ± 10          | %                |                 |
| Rated voltage                    | Un DC        |      | 300           | VDC              |                 |
| Rated voltage                    | Un AC        |      | 120           | Veff             | 50 Hz to 2 kHz  |
| RMS current                      | I RMS max.   |      | 22            | Aeff             | 10 to 100 kHz   |
| slope of voltage variation       | du/dt max.   |      | 50            | V/μsec           | max. repetitive |
| Repetitive surge current         | I cr. max    |      | 700           | A                |                 |
| Tangent delta dielectric         | tgδo         |      | ≤ 2           | 10 <sup>-4</sup> | 1 to 100 kHz    |
| Serie resistance                 | RS           |      | ≤ 3.6         | mΩ               | 1 V / 10 kHz    |
| Stray inductance                 | ESL          |      | ≤ 15          | nH               |                 |
| Insulation resistance            | Ri x C       |      | > 20'000      | s                | 100 VDC - 1 min |
| Test voltage between terminals   | U T1         |      | 1050          | VDC              | 10 s            |
| Climatic category                |              |      | 40/105/56     |                  |                 |
| Estimated operational life (-3%) |              |      | > 100'000     | h                | Un DC / 70°C    |
| Dimension                        | Symbol       |      |               | Unit             | Conditions      |
| Width                            | B            |      | 36            | mm               |                 |
| Length                           | L            |      | 40            | mm               |                 |
|                                  | L1           |      | 18            | mm               |                 |
| Height                           | H            |      | 40            | mm               |                 |
| Terminals tinned wire            | ø d          |      | 1.2           | mm               |                 |
| RM1                              |              |      | 30            | mm               |                 |
| RM2                              |              |      | 25            | mm               |                 |
|                                  | M1           |      |               |                  |                 |
|                                  | M0           |      |               |                  |                 |
|                                  | Modification | Date | Visa émetteur |                  |                 |

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**Le Janché**  
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11.08.2009