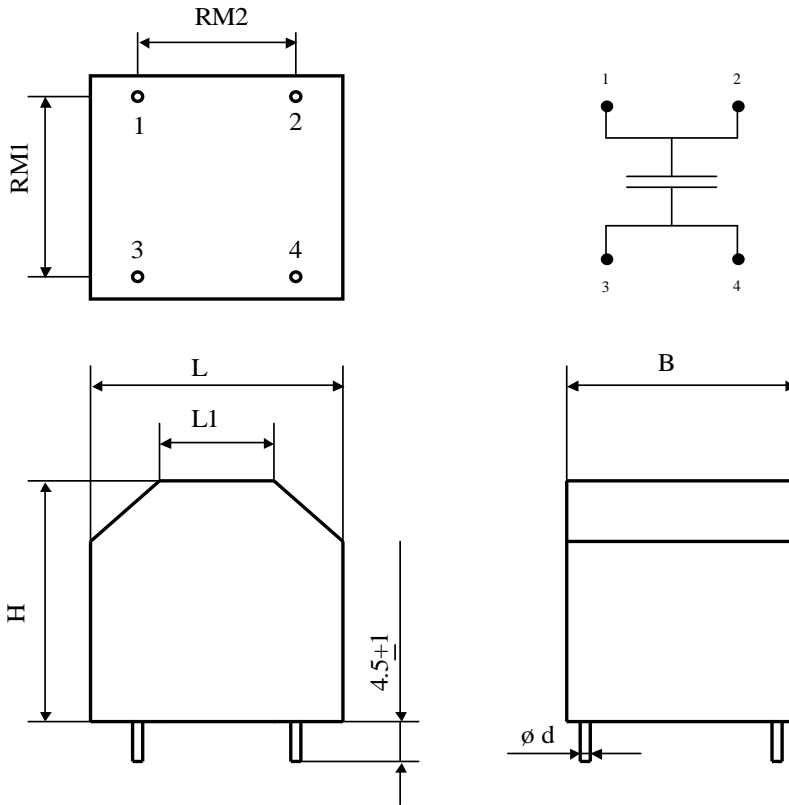


METALLIZED POLYPROPYLENE CAPACITORS

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 ⁻⁴ | 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 | Value | 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 | |

Condensateurs CH 1400 Yverdon, Switzerland
Kondensatoren Tel.: ++41 24 445 66 88
Capacitors Fax: ++41 24 445 66 89



capinfo@lcap.ch
11.08.2009