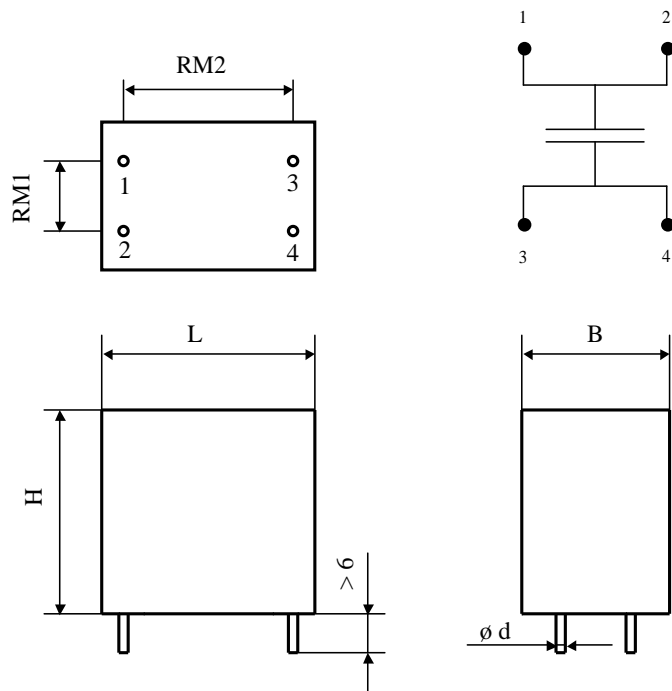


#5965

METALLIZED POLYPROPYLENE CAPACITORS

PPM-4 70-30.0 g K

PRELIMINARY



Printed circuit board mounting

Self-extinguishing plastic housing

Epoxy resin sealing

| Parameter | Symbol | | Value | Unit | Condition |
|----------------------------------|-------------|------|-----------------|--------------------|-----------------|
| Capacitance | C | | 30 | μF | 1 V / 1 kHz |
| Tolerance | | | ± 10 | % | |
| Rated voltage | Un DC | | 700 | VDC | |
| RMS current | I RMS max. | 70°C | 12.5 | Aeff | 10 kHz |
| slope of voltage variation | du/dt max. | | 18 | V/ μsec | max. repetitive |
| Repetitive surge current | I cr. max | | 540 | A | |
| Tangent delta | tg δ | | < 12 | E-4 | 1 V / 1 kHz |
| Equivalent serie resistance | ESR | | < 5.5 | m Ω | 10 kHz |
| Stray inductance | ESL | | ≤ 20 | nH | |
| Insulation resistance | Ri | | > 333 | M Ω | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | | 1'120 | VDC | 10 s |
| Test voltage terminals to case | U T2 | | 2'200 | VAC | 50 Hz / 10 s |
| Operating temperature | | | - 40 ... + 85°C | °C | |
| Estimated operational life (-3%) | | | > 150'000 | h | Un DC / 70°C |

| Dimension | Symbol | | Value | Unit | Conditions |
|-------------------------------|-----------------|------|----------------|------|------------|
| Width | B max | | 30 | mm | |
| Length | L max | | 42.5 | mm | |
| Height | H max | | 45 | mm | |
| Terminals tinned wire (4 x) | $\varnothing d$ | | 1.2 | mm | |
| RM1 | | | 37.5 \pm 0.5 | mm | |
| RM2 | | | 20.3 \pm 0.5 | mm | |
| | M1 | | | | |
| | M0 | | | | |
| | Modification | Date | Visa émetteur | | |

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