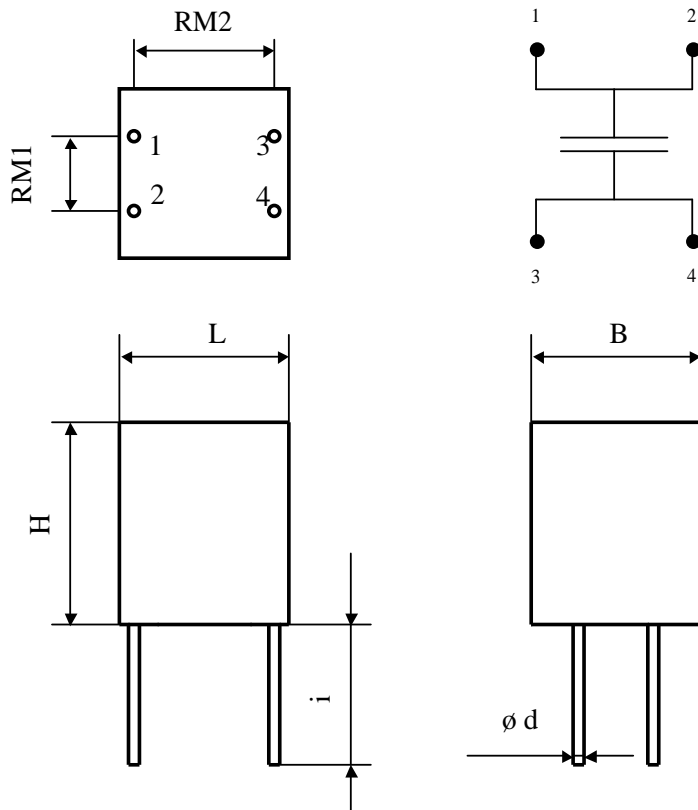


#6049

METALLIZED POLYESTER CAPACITORS

MKT-4 10-33.0 g K

PRELIMINARY



Printed circuit board mounting

Self-extinguishing plastic housing

Epoxy resin sealing

| Parameter | Symbol | | Value | Unit | Condition |
|--------------------------------|--------------|------|-----------------|--------------------|------------------|
| Capacitance | C | | 33 | μF | 1 V / 1 kHz |
| Tolerance | | | ± 10 | % | |
| Rated voltage | Un DC | | 100 | VDC | 85 °C |
| RMS current | I RMS max. | | 12.5 | Aeff | 100 kHz / 105 °C |
| RMS current | I RMS max. | | 1.25 | Aeff | 100 kHz / 125 °C |
| slope of voltage variation | du/dt max. | | 25 | V/ μsec | max. repetitive |
| Repetitive surge current | I cr. max | | 825 | A | |
| Tangent delta | tg δ | | < 90 | E-4 | 1 V / 1 k Hz |
| Equivalent serie resistance | ESR | | < 3.8 | m Ω | 100 kHz |
| Stray inductance | ESL | | ≤ 9 | nH | |
| Insulation resistance | Ri | | > 37.9 | M Ω | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | | 160 | VDC | 10 s |
| Climatic category | | | 55/125/21 | | |
| | | | | | |
| Dimension | Symbol | | | Unit | Conditions |
| Width | B max | | 20.5 | mm | |
| Length | L max | | 20.5 | mm | |
| Height | H max | | 30 | mm | |
| Terminals tinned wire (4 x) | ϕ d | | 1 | mm | |
| | i | | ≥ 20 | mm | |
| RM1 | | | 10.16 ± 0.5 | mm | |
| RM2 | | | 17.8 ± 0.5 | mm | |
| | | | | | |
| | M1 | | | | |
| | M0 | | | | |
| | Modification | Date | Visa émetteur | | |

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