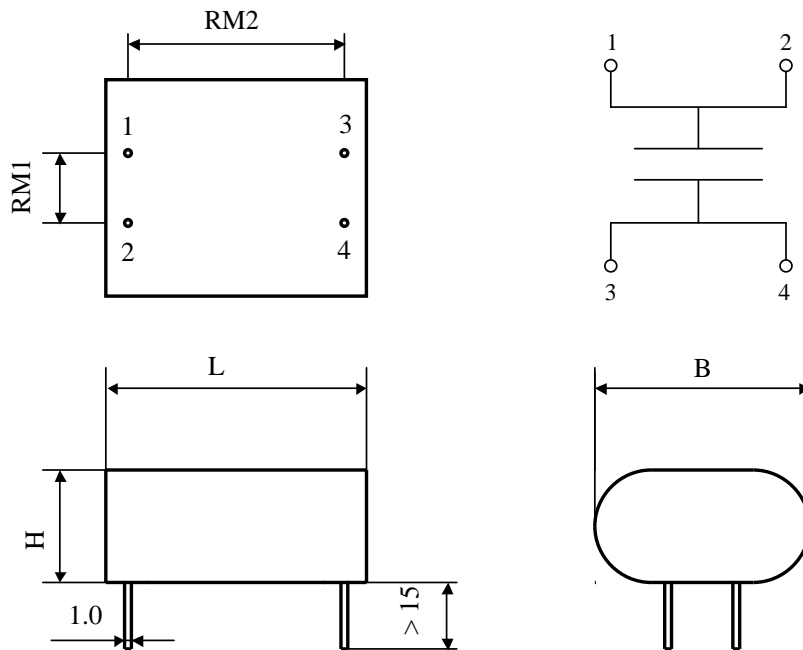


#6086

Power Electronics Capacitors

MKT-4 10-33.0 a K



Dielectric of metallized polyester

Polyester wrapped flammability UL 510 / Epoxy resin sealing UL 94-V0

| Parameter | Symbol | | Value | Unit | Condition |
|--------------------------------|-------------------|------|-----------------|--------------------|-----------------|
| Capacitance | C | | 33 | μF | 1 V / 1 kHz |
| Tolerance | | | ± 10 | % | |
| Rated voltage | U_r | | 100 | VDC | 85°C |
| RMS current | I RMS max. | | 11 | A _{eff} | 100 kHz / 90°C |
| slope of voltage variation | du/dt max. | | 17 | V/ μsec | max. repetitive |
| Repetitive surge current | I cr. max | | 561 | A | |
| Tangente delta | $\text{tg}\delta$ | | ≤ 90 | 10^{-4} | 1 kHz |
| Equivalent serie resistance | ESR | | ≤ 4.5 | m Ω | 100 kHz |
| Stray inductance | ESL | | ≤ 15 | nH | |
| Insulation resistance | R _i | | > 303 | 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 | | 28 | mm | |
| Height | H max | | 12 | mm | |
| Length | L max | | 33 | mm | |
| Terminals | | | | | |
| Radial tinned wire | \varnothing | | 1 | mm | |
| RM1 | | | 10.16 ± 0.7 | mm | |
| RM2 | | | 27.94 ± 0.7 | mm | |
| | M1 | | | | |
| | M0 | | | | |
| | Modification | Date | Visa émetteur | | |

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Leclanché
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