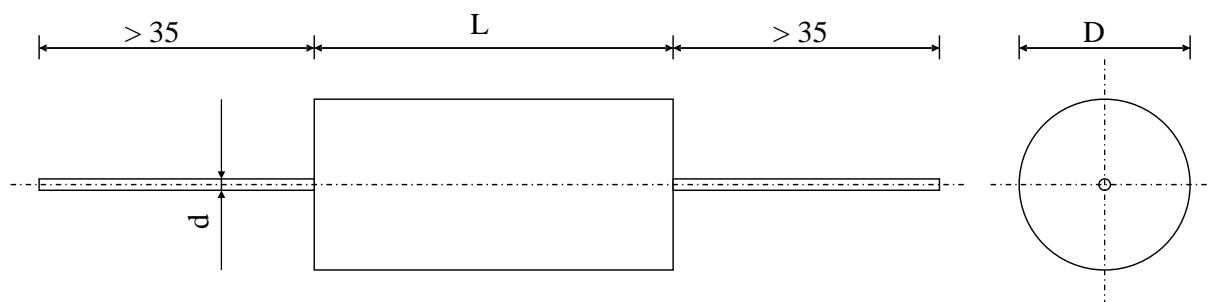


#6331

HIGH VOLTAGE METALLIZED CAPACITORS

PPMHT 400-047 dS K



Dielectric of metallized polypropylene

Polyester wrapped / Epoxy resin sealing

| Parameter | Symbol | Value | Unit | Condition |
|----------------------------------|-------------|----------------|------------------|-----------------|
| Capacitance | C | 470 | nF | 1 V / 1 kHz |
| Tolerance | | ± 10 | % | |
| Rated voltage | Un DC | 4'000 | VDC | |
| Rated voltage | Un AC | 400 | Veff | 50 Hz |
| slope of voltage variation | du/dt max. | 210 | V/ μ sec | max. repetitive |
| RMS current | I RMS max. | 5.20 | Aeff | 10 kHz |
| Tangent delta | tg δ | < 6 | 10 ⁻⁴ | 1 V / 1 kHz |
| Tangent delta | tg δ | < 7.5 | 10 ⁻⁴ | 1 V / 10 kHz |
| Stray inductance | ESL | ≤ 50 | nH | |
| Insulation resistance | Ri | >100'000 | M Ω | 500 VDC - 1 min |
| Test voltage between terminals | U T1 | 8000 | VDC | 10 s |
| Operating temp. | | - 40 / + 85 °C | | |
| Estimated operational life (-3%) | | 100'000 | h | Un DC / 70°C |

| Dimension | Symbol | Value | Unit | Conditions |
|-------------------|--------------|-------|---------------|------------|
| Diameter | D | 33.6 | mm | |
| Length | L | 48 | mm | |
| Terminals | | | | |
| Axial tinned wire | d | 1 | mm | |
| | M1 | | | |
| | M0 | | | |
| | Modification | Date | Visa émetteur | |

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Lecclanché
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