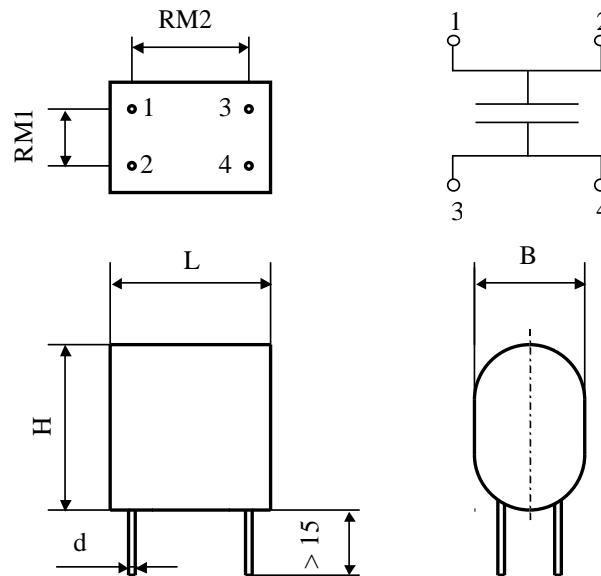


#6082

Power Electronics Capacitors

PPM-4 60-10.0 aS K

Preliminary data sheet
* Must be tested



Dielectric of metallized polypropylene

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

| Parameter | Symbol | | Value | Unit | Condition |
|--------------------------------|--------------|------|---------------------------------|--------------------|--------------------------------|
| Capacitance | C | | 10 | μF | 1 V / 1 kHz |
| Tolerance | | | ± 10 | % | |
| Rated voltage | Ur | | 600 | VDC | |
| Rated temperature | | | 85 | $^{\circ}\text{C}$ | |
| RMS current | I RMS | | 10 | Aeff | 20 kHz / 70 $^{\circ}\text{C}$ |
| Tangente delta | tg δ | | ≤ 12 | 10^{-4} | 1 kHz |
| Equivalent serie resistance | ESR | | ≤ 12 | m Ω | 20 kHz / 23 $^{\circ}\text{C}$ |
| Stray inductance | ESL | | ≤ 20 | nH | |
| Insulation resistance | Ri | | > 2000 | M Ω | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | | 960 | VDC | 10 s |
| Operating temperature | | | - 55 / + 110 $^{\circ}\text{C}$ | | |
| Estimated operational life * | | | > 1'000 | h | 480 V / 110 $^{\circ}\text{C}$ |
| Dimension | Symbol | | | Unit | Conditions |
| Width | B max | | 18.5 | mm | |
| Height | H max | | 34.5 | mm | |
| Length | L max | | 33 | mm | |
| Terminals | | | | | |
| Radial tinned wire | \emptyset | | 1 | mm | |
| RM1 | | | 10.16 \pm 0.7 | mm | |
| RM2 | | | 27.94 \pm 0.7 | 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

Lecan
Capacitors
A FISCHER & TAUSSCHKE COMPANY

HJJ

www.Lcap.ch
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capinfo@Lcap.ch
faisab6082.XLS