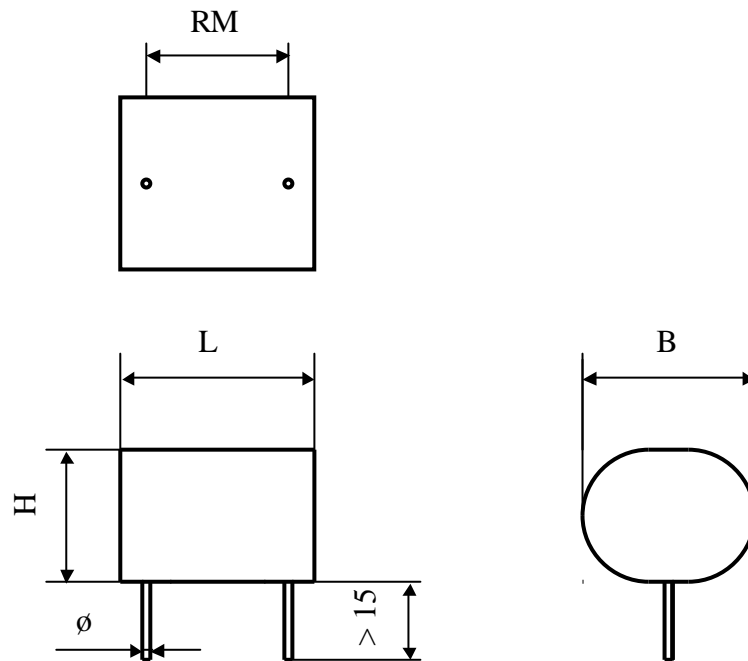


#5800

Power Electronics Capacitors

MKT 10-6.8 a M



Dielectric : metallized polyester
Polyester wrapped UL 510

Epoxy resin sealing UL 94-V0

| Parameter | Symbol | | Value | Unit | Condition |
|--------------------------------|--------------|------|----------------|---------------|-----------------|
| Capacitance | C | | 6.8 | μF | 1 V / 1 kHz |
| Tolerance | | | ± 20 | % | |
| Rated voltage | Ur | | 100 | VDC | 100°C |
| Rated voltage | Un AC | | 40 | Veff | 50 Hz |
| RMS current | I RMS max. | | 5.5 | Aeff | 300 kHz / 105°C |
| Tangent delta | tg δ | | ≤ 90 | 10^{-4} | 1 kHz |
| Equivalent serie resistance | ESR | | ≤ 6 | m Ω | 300 kHz |
| Stray inductance | ESL | | ≤ 13 | nH | |
| Insulation resistance | Ri | | > 184 | M Ω | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | | 160 | VDC | 10 s |
| Climatic category | | | 40/105/21 | | |
| | | | | | |
| | | | | | |
| Dimension | Symbol | | | Unit | Conditions |
| Width | B max | | 15.5 | mm | |
| Height | H max | | 12 | mm | |
| Length | L max | | 16.5 | mm | |
| | | | | | |
| Terminals | | | | | |
| Radial tinned wire | \emptyset | | 1 | mm | |
| RM | | | 12.5 ± 0.5 | mm | |
| | | | | | |
| | | | | | |
| | M1 | | | | |
| | M0 | | | | |
| | Modification | Date | Visa émetteur | | |

Condensateurs CH 1400 Yverdon-les-Bains
Kondensatoren Tel.: ++41 24 445 66 88
Capacitors Fax: ++41 24 445 66 89

Le lanché
Capacitors
A FISCHER & TALENTE COMPANY

HJJ

26.03.2009

faisab5800.XLS