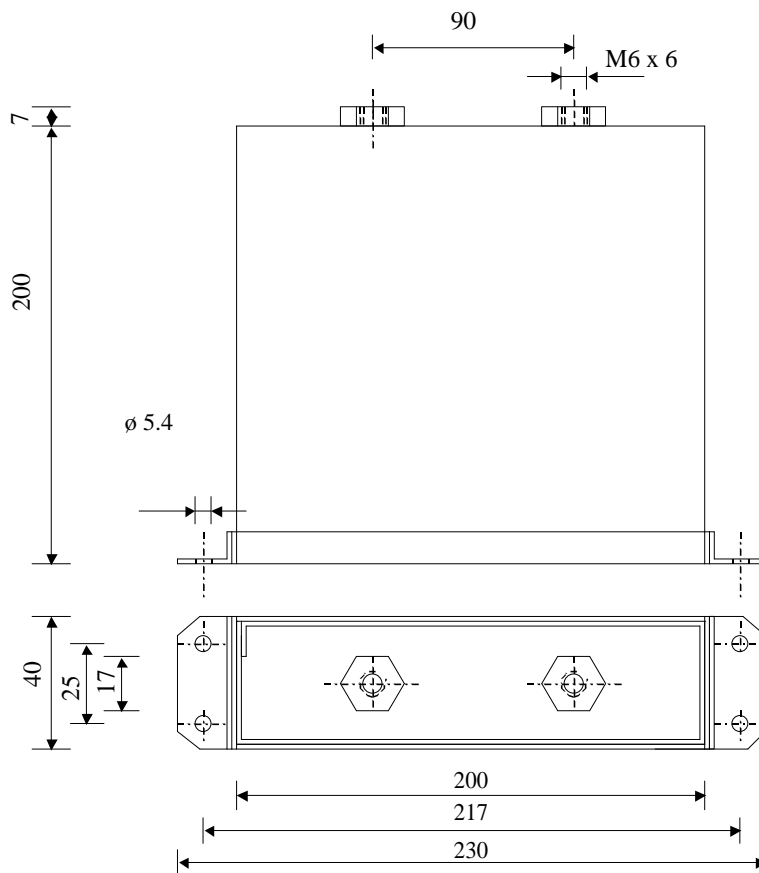


#5963

Metallized polypropylene capacitors

PPM 300-5.3 r K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case thick 1.2 mm

| Parameter | Symbol | Value | Unit | Condition |
|--|------------|------------|------------------|-----------------|
| Capacitance | C | 5.3 | μF | 1 V / 100 Hz |
| Tolerance | | ± 10 | % | |
| Rated voltage | Un DC | 3'000 | VDC | |
| Rated voltage | Un AC | 800 | VAC | 50-60 Hz |
| Surge current | I cr. ma | 2'000 | A | |
| Equivalent serie resistance | ESR | ≤ 2.5 | $\text{m}\Omega$ | 10 kHz |
| RMS current | I RMS max. | 50 | Aeff | 10 kHz |
| Stray inductance | ESL | ≤ 90 | nH | |
| Insulation resistance | Ri x C | $> 20'000$ | s | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | 4'500 | VDC | 10 s |
| Test voltage between terminals to case | U T2 | 4'500 | VDC | 10 s |
| Estimated operational life (-5 %) | | 100'000 | h | Un DC / 70°C |

| Dimension | Symbol | Value | Unit | Conditions |
|----------------|--------|--------|------|------------|
| Width | B | 40 | mm | |
| Length | L | 200 | mm | |
| Height | H | 200 | mm | |
| Thread | | M6 x 6 | mm | |
| Thread spacing | | 90 | 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 & TEUSCHLE COMPANY

HJJ

www.Lcap.ch
 24.09.2010

capinfo@Lcap.ch
 faisab5963.XLS