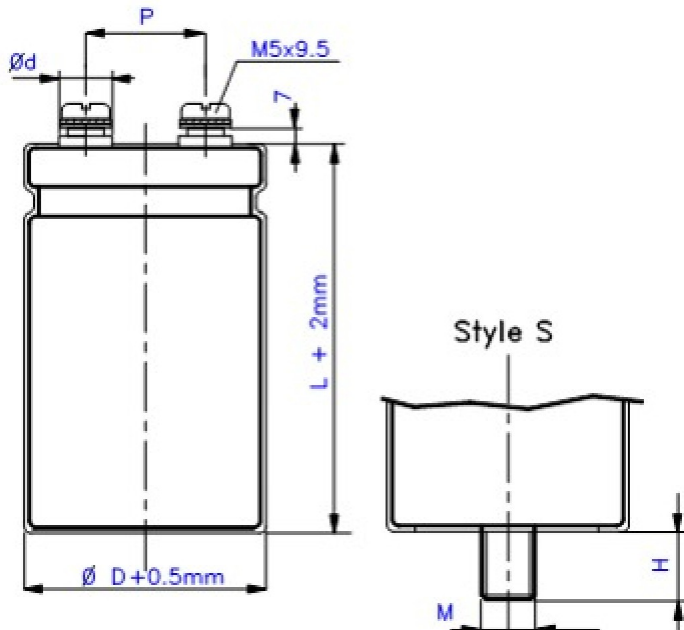


CAPACITOR SPECIFICATION
Part number: K01100103__M0GJ

Stud and insert style excluded

| Diagram of dimensions (unit = mm) | | | | | GJ=51x79 |
|---|---------|------|-----|----|---|
| $\varnothing D$ | d | P | M | H | |
| 35.5 | 11 | 12.7 | M8 | 12 |  |
| 51 | 11-18.5 | 22.2 | M12 | 16 | |
| 64 | 11-18.5 | 28.6 | M12 | 16 | |
| 76.5 | 11-18.5 | 31.8 | M12 | 16 | |
| 91 | 11-18.5 | 31.8 | M12 | 16 | |
| Marking | | | | | |
| Type - Identification Code Lot Rated capacitance (μF), Rated voltage (Vdc) Negative polarity: gold row | | | | | |

ELECTRICAL PARAMETERS

| | | |
|--------------------------------|---|----------------------|
| *Nominal Capacitance | 10,000 | μF at 100 Hz |
| *Tolerance | M | -20% +20% |
| *Temperature range | | -40°C to 85°C |
| *Rated Voltage / Surge Voltage | 100/115 | Vdc |
| *Max Tang δ | 0.2 | at 100 Hz |
| *Typical ESR | 16 | m Ω at 100 Hz |
| *Typical Impedance Z | 14 | m Ω at 100 Hz |
| *Maximum Leakage Current | 3 | mA after 5 mins |
| *Maximum Ripple Current | 11.9 | A rsm at 85°C |
| *Useful Life | 10,000 hours at 85°C | |
| *Reference Standards | CECC 30.300 IEC 384.4 Long Life Grade DIN 41248 | |

When ambient temperature and ripple frequency are different from 85°C and 100 Hz, ripple current shall be multiplied by the following compensating factor:

| FREQUENCY | FACTOR | TEMPERATURE | FACTOR |
|-----------|--------|-------------|--------|
| 50 Hz | 0.8 | 35°C | 2.2 |
| 100 Hz | 1.0 | 45°C | 2.1 |
| 500 Hz | 1.2 | 55°C | 1.8 |
| 1000 Hz | 1.3 | 65°C | 1.6 |
| >10 Khz | 1.5 | 75°C | 1.4 |
| | | 85°C | 1.0 |
| | | 95°C | 0.5 |

For further specifications: please consult our catalogue.