

FTCAP GmbH

Preliminary Data sheet



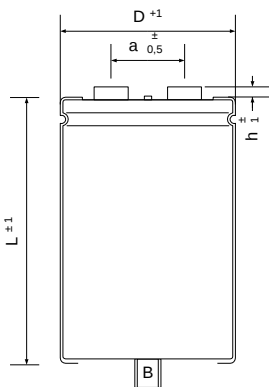
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Typ : GMB10310040070

RoHS Compliant



Ø D : 40 mm

L : 70 mm

a : 18 mm

h : 5 mm

B : M 8 x 12

Terminals : M 5

Max. torque:

Terminals: M5: 2,0 Nm, M6: 2,5 Nm
Stud: M8: 4,0 Nm, M12: 10,0 Nm

Electrical Parameters

Rated Capacitance (C_R)
@ 100 Hz / 20 °C

10000 µF

Tolerance

±20 %

Rated Voltage (U_R)

100 V

Surge Voltage (U_S)
max. 5 x 1 min / h

115 V

Reverse Voltage (U_U)
max. 1 s

2 V

Leakage Current (I_L)
@ U_R / 5 min / 20 °C

6000 µA

ESR typ.
@ 100 Hz / 20°C

16 mΩ

Tan δ typ.
@ 100 Hz / 20°C

10 %

Z max.
@ 10 kHz / 20°C

13 mΩ

ESL typ.

20 nH

Rated Ripple Current (I_R)
@ 100 Hz / 85 °C

9,4 A

Useful life
@ I_R , U_R , 85 °C

8000 h

IEC Climatic category / Standards

40/085/56

IEC 60384-4

Applications