

FTCAP GmbH

Preliminary Data sheet

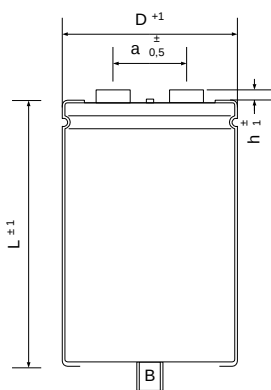


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Page 1 / 1

Typ : GHB10304035100

RoHS Compliant



$\varnothing D$: 35 mm
 L : 100 mm
 a : 13 mm
 h : 6 mm
 B : M8 x 12
 Terminals : M5

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

-10/ +30 %

Rated Voltage (U_R)

40 V

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

46 V

Reverse Voltage (U_U)
max. 1 s

2 V

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

2400 μA

ESR typ.
@ 100 Hz / 20°C

29 m Ω

Tan δ typ.
@ 100 Hz / 20°C

18 %

Z max.
@ 10 kHz / 20°C

23 m Ω

ESL typ.

20 nH

Rated Ripple Current (I_R)
@ 100 Hz / 105 °C

7,3 A

Useful life
@ I_R , U_R , 105 °C

8000 h

IEC Climatic category / Standards

40/105/56

IEC 60384-4

Applications