

ALUMINUM ELECTROLYTIC CAPACITOR - DATA SHEET

Screw Terminal

B43310 85°C / 2000 h

For uninterruptible power supplies
and frequency converters

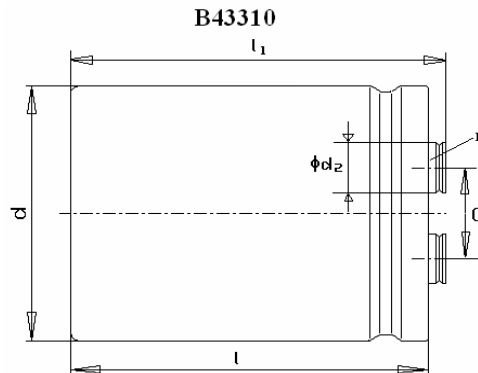
Part No.: **B43310S9398M001**

C_R / V_R : **3900 μ F 400V**

Case size:

$\pm 0/-0.8$ (mm) $\pm 3/-0$ (mm) $\pm 3/-0$ (mm)

64.3 112 118.5



1) $d \leq 65$, M5; $75 \leq d \leq 91$, M6

d	51.6	64.3	76.9	91
$\alpha \pm \frac{+0.2}{-0.4}$	22.2	28.5	31.7	31.7
d_2^{max}	11.4	13.2	17.7	17.7

Drawing No.: C61010X 7502A17

Customer:

TECHNICAL DATA:

Rated Capacitance C_R (120Hz, 25°C)	3900 μF
Capacitance Tolerance (120Hz, 25°C)	-20% / +20%
Rated Voltage V_R	400 V
Surge Voltage V_S	450 V
Operating Temperature Range	-25°C / +85 °C
Max. Leakage Current I_{leak} (5 min, 25°C)	5 mA
Max. $\tan \delta$ (120 Hz, 25°C)	0.2
Typical ESR (120 Hz, 25°C)	32.6 mΩ
Max. ESR (120 Hz, 25°C)	60.3 mΩ
Rated Ripple Current $I_{AC,R}$ (120 Hz, 85 °C)	8 A
Max. Ripple Current $I_{AC,max}$ (120 Hz, 40°C)	21.3 A
Load life (85 °C, V_R , $I_{AC,R}$)	2000 h After test: $\Delta C/C: \leq \pm 15\%$ of initial value $\tan \delta: \leq 1,75x$ spec. value $I_{leak}: \leq$ initial spec. value
Useful life (45°C, 2 x $I_{AC,R}$, V_R)	42000 h
Useful life (65°C, 2 x $I_{AC,R}$, V_R)	7000 h
Other Specifications	IEC 60384-4, CECC 30 30-810, Series datasheet B43310/330

Edition

1

Date

09/19/2008

Sign

Li/Chen