

ALUMINUM ELECTROLYTIC CAPACITOR - DATA SHEET

Screw Terminal

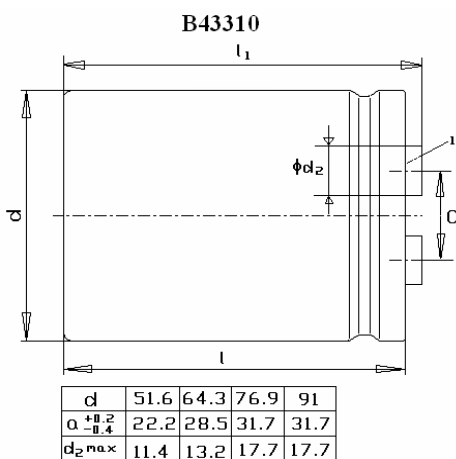
B43310
85°C / 2000 h

For uninterruptible power supplies
and frequency converters

Part No.: **B43310A5159M**

C_R / V_R: **15000μF** **450V**
Case size:
d+0/-0.8 (mm) **l+3/-0 (mm)** **l₁+3/-0(mm)**
91 **236** **242.5**

Drawing No.: **C61010X 7504A17**
Customer:



1) diameter of screw: **M6**

TECHNICAL DATA:

Rated Capacitance C _R (120Hz, 25°C)	15000 μF
Capacitance Tolerance (120Hz, 25°C)	-20% /+ 20%
Rated Voltage V _R	450 V
Surge Voltage V _S	495 V
Operating Temperature Range	-25°C/ +85 °C
Max. Leakage Current I _{leak} (5 min, 25°C)	5 mA
Max. tan δ (120 Hz, 25°C)	0.2
Typical ESR (120 Hz, 25°C)	11.9 mΩ
Max. ESR (120 Hz, 25°C)	22.0 mΩ
Rated Ripple Current I _{AC,R} (120 Hz, 85 °C)	27.1 A
Max. Ripple Current I _{AC,max} (120 Hz, 40°C)	72.1 A
Load life (85 °C, V _R , I _{AC,R})	2000 h After test: ΔC/C: ≤±15 % of initial value tan δ ≤1,75x spec. value I _{leak} : ≤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
11-21-2008

Sign
KO XM TC PD

Ark-on Li