

Leclanché Capacitors  
 48, av. de Grandson  
 1400 Yverdon-les-Bains  
 Switzerland

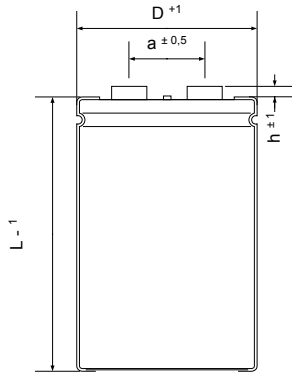


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Customer : Leclanché Capacitors Sarl  
 Drawing No. : 100008787  
 10.05.2010

**Typ : GMA44330590220**

**RoHS Compliant**



∅ D : 90 mm  
 L : 220 mm  
 a : 31,7 mm  
 h : 5 mm  
 :  
 Terminals : M6

**Electrical Parameter**

Rated Capacitance ( C <sub>R</sub> ) 100 Hz / 20 °C	<b>44000</b> μF	39mF at end of life time
Tolerance	<b>-10 + 30</b> %	
Rated Voltage ( U <sub>R</sub> )	<b>305</b> V	
Surge Voltage ( U <sub>S</sub> ) max. 5 x 1 min / h	<b>336</b> V	
Reverse Voltage ( U <sub>U</sub> ) max. 1 s	<b>2</b> V	
Leakage Current ( I <sub>L</sub> ) U <sub>R</sub> / 5 min / 20 °C	<b>12000</b> μA	
ESR typ. 100 Hz / 20°C	<b>5</b> mΩ	
Tan δ typ. 100 Hz / 20°C	<b>12</b> %	
Z max. 10 kHz / 20°C	<b>6</b> mΩ	
ESL typ.	<b>20</b> nH	
Rated Ripple Current ( I <sub>R</sub> ) 100 Hz / 60 °C	<b>25</b> A	
Useful Life @ I <sub>R</sub> , U <sub>R</sub> , 60°C	<b>15000</b> h	
IEC Climatic category / Standards	<b>40/60/56</b>	<b>IEC 60384 - 4</b>
Applications	Pulse Application	
Your article No. / Project		

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**Mounting**

**Position**

Upright position is recommended to prevent electrolyte leakage in case of vent opening.

Horizontal mounting is also possible but the vent must faces upwards.

**Terminals**

Maximum torques values should not be exceed:

Torque moments are given in Nm

M6 screw head

Minimum screw-in depth of 7 mm with max. torque 6 Nm

Maximum screw-in depth of 9 mm with a max torque 9 Nm.

**UL Data**

PVC - shrinking tube UL VW 1

PVC - bottom pad UL VW

Metal contacts n.a.

EPDM rubber - no UL