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**FTCAP GmbH**

**Data sheet**



Customer : FJZ

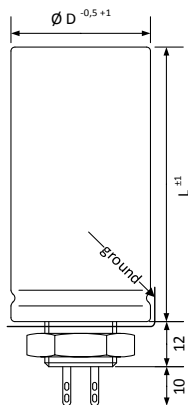
Drawing No. : 1026413-53150

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created: hs 14/03/2014 09:41:00

**Typ : SD50055035045**

**RoHS Compliant**



∅ D : 35 mm

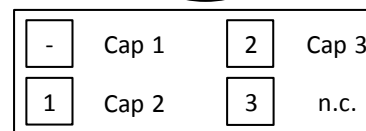
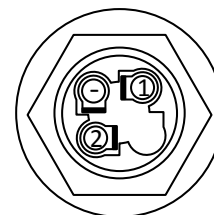
L : 45 mm

mounting : M18 x 1,5

insulation : no

can negative

Terminals : solder lugs



**Electrical Parameters**

Rated Capacitance ( C <sub>R</sub> ) @ 100 Hz / 20 °C	<b>50+50+50</b> μF	
Tolerance	<b>-10 +30</b> %	
Rated Voltage ( U <sub>R</sub> )	<b>550</b> V	
Surge Voltage ( U <sub>S</sub> ) max. 5 x 1 min / h	<b>600</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>166</b> μA	
ESR typ. @ 100 Hz / 20°C	<b>3 183</b> mΩ	
Tan δ typ. @ 100 Hz / 20°C	<b>10</b> %	
Z max. @ 10 kHz / 20°C	<b>2 546</b> mΩ	
ESL typ.	<b>30</b> nH	
Rated Ripple Current ( I <sub>R</sub> ) @ 100 Hz / 85 °C	<b>0,42</b> A	
Useful life @ I <sub>R</sub> , U <sub>R</sub> , 85 °C	<b>3 000</b> h	
IEC Climatic category / Standards	<b>40/085/56</b>	<b>IEC 60384-4</b>
Applications	industrial electronic	
Your article No. / Project		