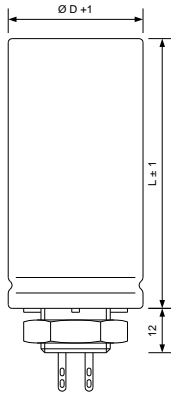


**Typ : SZ10045025040**

**RoHS Compliant**



$\varnothing D$  : 25 mm  
 L : 40 mm

mounting : M18 x 1,5

insulation : PVC  
 2500 Vac

Terminals : solder lugs

**Electrical Parameters**

|  |                         |                    |
|--|-------------------------|--------------------|
| Rated Capacitance ( $C_R$ )<br>@ 100 Hz / 20 °C      | <b>10 + 10</b> $\mu$ F  |                    |
| Tolerance  | <b>-10/ +50</b> %       |                    |
| Rated Voltage ( $U_R$ )                              | <b>450</b> V            |                    |
| Surge Voltage ( $U_S$ )<br>max. 5 x 1 min / h        | <b>495</b> V            |                    |
| Reverse Voltage ( $U_U$ )<br>max. 1 s                | <b>2</b> V              |                    |
| Leakage Current ( $I_L$ )<br>@ $U_R$ / 5 min / 20 °C | <b>28</b> $\mu$ A       |                    |
| ESR typ.<br>@ 100 Hz / 20°C                          | <b>15915</b> m $\Omega$ |                    |
| Tan $\delta$ typ.<br>@ 100 Hz / 20°C                 | <b>10</b> %             |                    |
| Z max.<br>@ 10 kHz / 20°C                            | <b>12732</b> m $\Omega$ |                    |
| ESL typ.   | <b>30</b> nH            |                    |
| Rated Ripple Current ( $I_R$ )<br>@ 100 Hz / 85 °C   | <b>0,1</b> A            |                    |
| Useful life<br>@ $I_R, U_R, 85$ °C                   | <b>3000</b> h           |                    |
| IEC Climatic category / Standards                    | <b>40/085/56</b>        | <b>IEC 60384-4</b> |
| Applications   |                         |                    |