

## Preliminary Data Sheet

	<p>diameter (<math>\varnothing D</math>) : 35 mm</p> <p>length (L) : 50 mm</p> <p>grid (a) : 15 mm</p> <p>height (h) : 7 mm</p> <p>terminals : Solder lugs</p>	<p>top view</p>
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### Electrical Parameters

rated capacitance ( $C_R$ ) @ 100 Hz / 20 °C	<b>32</b>	<b>16</b>	$\mu\text{F}$
tolerance	<b>-10 / +30</b>		%
rated voltage ( $U_R$ )	<b>500</b>		V
surge voltage ( $U_S$ ) max. 5 x 1 min / h	<b>550</b>		V
reverse voltage ( $U_U$ ) max. 1 s	<b>2</b>		V
leakage current ( $I_L$ ) @ $U_R$ / 5 min / 20 °C	<b>96</b>	<b>48</b>	$\mu\text{A}$
ESR typ. @ 100 Hz / 20°C	<b>4,9</b>	<b>9,9</b>	$\Omega$
Tan $\delta$ typ. @ 100 Hz / 20°C	<b>10</b>	<b>10</b>	%
Z max. @ 10 kHz / 20°C	<b>3,9</b>	<b>7,9</b>	$\Omega$
ESL typ.	<b>20</b>		nH
rated ripple current ( $I_R$ ) @ 100 Hz / 85 °C	<b>0,3</b>	<b>0,2</b>	A
useful life @ $I_R$ , $U_R$ , 85 °C	<b>2.500</b>		h
IEC climatic category / standards	<b>40/085/56</b>		IEC 60384-4
applications	industrial		

created: HS 03/01/2022 16:41:00

approved: HS 03/01/2022 16:48:00

released: SBR 03.01.2022 16:48:00

**Customer release:**

name:

date:

sign: