

Preliminary Data Sheet

	<p>diameter ($\varnothing D$) : 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	8	8	μF
tolerance	-10 / +30		%
rated voltage (U_R)	500		V
surge voltage (U_S) max. 5 x 1 min / h	550		V
reverse voltage (U_U) max. 1 s	2		V
leakage current (I_L) @ U_R / 5 min / 20 °C	24	24	μA
ESR typ. @ 100 Hz / 20 °C	19,9	19,9	Ω
Tan δ typ. @ 100 Hz / 20 °C	10	10	%
Z max. @ 10 kHz / 20 °C	15,9	15,9	Ω
ESL typ.	20		nH
rated ripple current (I_R) @ 100 Hz / 85 °C	0,1	0,1	A
useful life @ $I_R, U_R, 85$ °C	2.500		h
IEC climatic category / standards	40/085/56		IEC 60384-4
applications	industrial		

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