

Data Sheet



RoHS Compliant

	<p>diameter (Ø 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>		
<h3>Electrical Parameters</h3>			
rated capacitance (C_R) @ 100 Hz / 20 °C	100	100 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	300	300 μA	
ESR typ. @ 100 Hz / 20°C	1.592	1.592 $\text{m}\Omega$	
Tan δ typ. @ 100 Hz / 20°C	10	10 %	
Z max. @ 10 kHz / 20°C	1.273	1.273 $\text{m}\Omega$	
ESL typ.	20 nH		
rated ripple current (I_R) @ 100 Hz / 85 °C	0,47	0,47 A	
useful life @ I_R , U_R , 85 °C	2.500 h		
IEC climatic category / standards	40/085/56		IEC 60384-4
applications			