

Data Sheet

	diameter ($\varnothing D$) : 35 mm length (L) : 70 mm grid (a) : 13 mm height (h) : 5 mm diameter ($\varnothing d$) : 8 mm terminals : M5	max. torque ($\pm 10\%$): terminals: M5: 2,0 Nm, M6: 2,5 Nm
Electrical Parameters		
rated capacitance (C_R) @ 100 Hz / 20 °C	10.000 μF	
tolerance	20 %	
rated voltage (U_R)	63 V	
surge voltage (U_S) max. 5 x 1 min / h	72 V	
reverse voltage (U_U) max. 1 s	2 V	
leakage current (I_L) max @ U_R / 5 min / 20 °C	1.890 μA	
leakage current (I_L) typ. @ U_R / 5 min / 20 °C	189 μA	
ESR typ. @ 100 Hz / 20 °C	22 m Ω	
tan δ typ. @ 100 Hz / 20 °C	14 %	
Z max. @ 10 kHz / 20 °C	18 m Ω	
ESL typ.	20 nH	
rated ripple current (I_R) @ 100 Hz / 85 °C	4,6 A	
useful life @ I_R , U_R , 85 °C	8.000 h	
IEC climatic category / standards	40/085/56	IEC 60384-4
applications	Industrial	

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