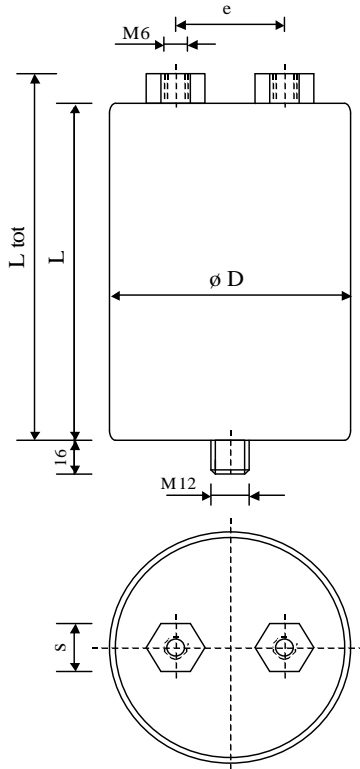


Polarized aluminium electrolytic capacitor

ELLVA 450-4700 75155 M6

Long-Life Version



Pressure relief in the sealing

All internal contacts welded

Base stud M12 x 16mm

Connections : 2 inserts M6

Parameters	Symbol	Value	Unit	Condition
Capacitance	C	4700	μF	
Tolerance		+30 -10	%	
Rated Voltage	U_R	450	VDC	
Surge Voltage	U_S	495	VDC	
Max Reverse Voltage	U_U	2	VDC	
Leakage Current after 5min at U_R	I_L	$\leq 0.006 \times C_R (\mu\text{F}) \times U_R (\text{V}) + 4\mu\text{A} (\mu\text{A})$		
ESR typ		24	mOhm	100Hz at 20°C
Tan Δ		0.06		100Hz at 20°C
Z max		27	mOhm	10kHz at 20°C
ESL typ		20	nH	
Rated Ripple Current	I_R	12.9	A_{RMS}	120Hz at 105°C
Useful Life		8000	Hours	at I_R , U_R and 105°C
IEC Climatic Category		40/105/56		
Test voltage to external insulation		≥ 2500	VAC	

Dimensions	Symbol	Value	Unit	Conditions
Diameter	$\varnothing D$	75	mm	
Base stud	$\varnothing ds \times Ls$	M12 x 16	mm	
Height	L	155	mm	$\pm 2 \text{ mm}$
	L tot	L + 5mm	mm	$\pm 2 \text{ mm}$
Contact		M6	mm	
Pitch	e	31.7	mm	$\pm 0.5 \text{ mm}$

Valeurs indicatives, sous r�servation de modification	M1			
	M0			
	Modification	Date	Visa �metteur	

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