

**General Information** 

Series

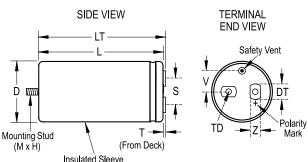
Dielectric



ALS31, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 200 VDC, –40/  $+85^{\circ}\mathrm{C}, 28.5~\mathrm{mm}$ 

ALS31

Aluminum Electrolytic



-	LT Safety Vent	Description	Screw Terminal, Aluminum Electrolytic
Mounting Stud (From Deck)  Insulated Sleeve		RoHS	Yes
	Lead	Oval Threaded Inserts M5	
	Mounting	Through-Hole	
		AEC-Q200	No
	, , ,	Typical Component Weight	505 g
	Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.	
		Shelf Life	156 Weeks
	Click here for the 3D model.		
Dimensions		Specifications	
)	66mm + /-1mm	Capacitance	6.800 uF

Dimensions		
D	66mm +/-1mm	
L	105mm +/-2mm	
Т	5.5mm +/-0.5mm	
S	28.5mm +/-0.5mm	
DT	13mm +/-0.5mm	
LT	110.5mm +/-1mm	
TD	10mm MIN	
V	15.8mm NOM	
Z	10mm NOM	
Packaging Specifications		

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Box

Specifications				
Capacitance	6,800 uF			
Tolerance	20%			
Voltage DC	200 VDC, 230 VDC (Surge)			
Temperature Range	-40/+85°C			
Rated Temperature	85°C			
Life	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C)			
ESR	27 mOhms (100Hz 20C), 23 mOhms (10kHz 20C)			
Ripple Current	15.7 Amps (100Hz 85C), 17.7 Amps (10kHz 85C)			
Leakage Current	6000 uA (5min 20°C)			

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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