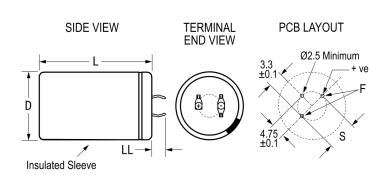


a YAGEO company

ALA8AF181CC500

ALA8A, Aluminum Electrolytic, 180 uF, 20%, 500 VDC, -40/+105°C



General Information Series ALA8A Dielectric Aluminum Electrolytic Description Snap-In, Aluminum Electrolytic RoHS Lead 3 Pin Short Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Typical Component Weight 45 g Shelf Life 156 Weeks

Click here for the 3D model.

Dimensions		
D	30mm +1mm	
L	35mm +/-2mm	
S	10mm +/-0.1mm	
LL	4mm +/-1mm	
F	2mm +/-0.1mm	

Packaging Specifications		
Packaging	Bulk, Bag	

Specifications		
Capacitance	180 uF	
Capacitance Tolerance	20%	
Voltage DC	500 VDC, 550 VDC (Surge)	
Temperature Range	-40/+105°C	
Rated Temperature	105°C	
Life	5000 Hrs (Rated Voltage And Ripple Current At 105C)	
ESR	1148 mOhms (100Hz 20C)	
Ripple Current	1.5 Amps (100Hz 105C), 3.6 Amps (10kHz 105C)	
Leakage Current	270 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.