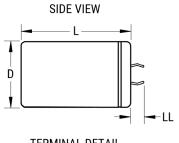


a YAGEO company

## **ELG187M450AT2AA**

ELG, Aluminum Electrolytic, 180 uF, 20%, 450 VDC, -25/+105°C

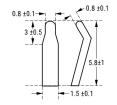


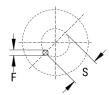




## TERMINAL DETAIL

**PCB LAYOUT** 





Click here for the 3D model.

Dimensions	
D	35mm +1mm
L	30mm +2mm
S	10mm +/-0.5mm
LL	5.8mm +/-1mm
F	1.5mm +/-0.1mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	200	

General Information	
Series	ELG
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No

Specifications	
Capacitance	180 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-25/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	20% 120Hz 20C
Resistance	1.474 mOhms (20kHz)
Ripple Current	850 mAmps (120Hz)
Leakage Current	1600 uA (5min 20°C)
Impedance Ratio at -25C	8

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.