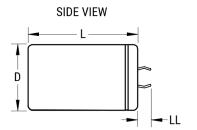


## ELG188M050AQ1AA

ELG, Aluminum Electrolytic, 1,800 uF, 20%, 50 VDC, -40/+105°C

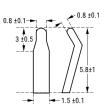


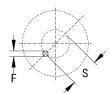


PCB LAYOUT

TERMINAL

**TERMINAL DETAIL** 





Click here for the 3D model.

Dimensions	
D	22mm +1mm
L	25mm +2mm
S	10mm +/-0.5mm
LL	5.8mm +/-1mm
F	1.5mm +/-0.1mm

## Packaging Specifications Packaging Bulk, Bag Packaging Quantity 400

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

Specifications			
Capacitance	1,800 uF		
Capacitance Tolerance	20%		
Voltage DC	50 VDC, 63 VDC (Surge)		
Temperature Range	-40/+105°C		
Rated Temperature	105°C		
Life	2000 Hrs		
Dissipation Factor	30% 120Hz 20C		
Ripple Current	1300 mAmps (120Hz)		
Leakage Current	1800 uA (5min 20°C)		
Impedance Ratio at -25C	2		
Impedance Ratio at -40C	6		

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.