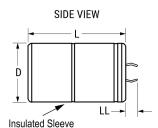


a YAGEO company

ALH82A271DH600

ALH82, Aluminum Electrolytic, 270 uF, 20%, 600 VDC, -40/+105°C







PCB LAYOUT



Click here for the 3D model.

Dimensions		
D	35mm +/-1mm	
L	60mm +/-2mm	
S	10mm +/-0.1mm	
LL	6.3mm +/-1mm	
F	2mm +/-0.1mm	

Packaging Specifications		
Packaging	Tray	

Series ALH82 Dielectric Aluminum Electrolytic Description Snap-In, Aluminum Electrolytic RoHS Yes AEC-Q200 No	
Description Snap-In, Aluminum Electrolytic RoHS Yes	
RoHS Yes	
AEC-Q200 No	
Halogen Free Yes	
Typical Component Weight 90 g	
Shelf Life 156 Weeks	

Specifications	
Capacitance	270 uF
Capacitance Tolerance	20%
Voltage DC	600 VDC
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs (Rated Voltage And Ripple Current At 105C)
ESR	521 mOhms (100Hz 20C), 353 mOhms (10kHz 20C)
Ripple Current	2.35 Amps (100Hz 105C), 6.25 Amps (10Hz 105C)
Leakage Current	486 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.