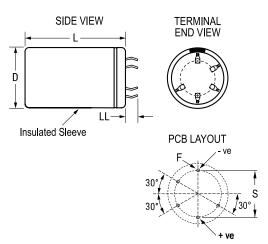




ALC80, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 450 VDC, -40/ +105°C, 25 mm



Click	horo	for	tha.	2レ	mada	ı
CIICK	nere	TOI :	tne	3D	moae	16

Dimensions		
D	45mm +1mm	
L	105mm +/-2mm	
S	25mm +/-0.1mm	
LL	6.3mm +/-1mm	
F	2mm +/-0.1mm	
Packaging Specifications		
Sleeving	Yes	

Tray

Packaging

General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	225 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications	
Capacitance	1,500 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage At 105C)
ESR	108.8 mOhms (100Hz 20C), 70.15 mOhms (10kHz 20C)
Ripple Current	6.248 Amps (100Hz 105C), 14.04 Amps (10kHz 105C)
Leakage Current	2025 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.

Generated 06/05/2025 © 2006 - 2025 YAGEO