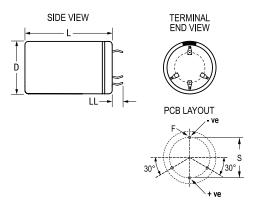
## **KEMET Part Number: ALC40E271DC400**



## ALC40, Aluminum Electrolytic, 270 uF, 20%, 400 VDC, -40/+105°C



General Information		
Series:	ALC40	
Dielectric:	Aluminum Electrolytic	
Description:	Snap-In, Aluminum Electrolytic	
RoHS:	Yes	
Lead:	4 Pin Short	
AEC-Q200:	No	
Component Weight:	50 g	
Shelf Life:	156 Weeks	

Dimensions			
D	35mm +1mm		
L	35mm +/-2mm		
S	22.5mm +/-0.1mm		
LL	4mm +/-1mm		
F	2mm +/-0.1mm		

Bulk, Bag

Packaging:

5	22.3Hill 1/ 0.1Hill	•
LL	4mm +/-1mm	Rated Temperature:
F	2mm +/-0.1mm	Life:
Packaging Specifications		Resistance:

Specifications			
Capacitance:	270 uF		
Capacitance Tolerance:	20%		
Voltage DC:	400 VDC, 440 VDC (Surge)		
Temperature Range:	-40/+105°C		
Rated Temperature:	105°C		
Life:	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)		
Resistance:	470 mOhms (100Hz 20C), 322 mOhms (10kHz 20C)		
Ripple Current:	1.73 Amps (100Hz 105C), 3.23 Amps (10kHz 105C)		
Leakage Current:	324 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.



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