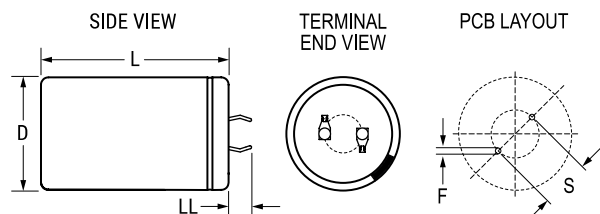


KEMET Part Number: ALC10A102EL450
(A521HP102M450A)

ALC10, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C



General Information

Supplier:	KEMET
Series:	ALC10
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin
AEC-Q200:	No
Notes:	Dimensions D And L Include Slewing
Shelf Life:	156 Weeks

Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Weight:	131 g
Slewing:	Yes
Packaging:	Bulk, Bag
Packaging Quantity:	25

Specifications

Capacitance:	1,000 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC, 495 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage at 85C)
Resistance:	114 mOhms (100Hz 20C), 75 mOhms (10kHz 20C)
Ripple Current:	4.95 Amps (100Hz 85C), 9.32 Amps (10kHz 85C)
Leakage Current:	2700 uA (5min 20°C)