

**KEMET Part Number: ALC80A103BB025**  
(A547CD103M025A)

ALC80, Aluminum Electrolytic, 10,000 uF, 20%, 25 VDC, -40/+105°C



**General Information**

<b>Series:</b>	ALC80
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Snap-In, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Lead:</b>	2 Pin
<b>AEC-Q200:</b>	No
<b>Halogen Free:</b>	Yes
<b>Notes:</b>	Dimensions D And L Include Slewing.
<b>Shelf Life:</b>	156 Weeks

**Dimensions**

<b>D</b>	25mm +1mm
<b>L</b>	30mm +/-2mm
<b>S</b>	10mm +/-0.1mm
<b>LL</b>	6.3mm +/-1mm
<b>F</b>	2mm +/-0.1mm

**Specifications**

<b>Capacitance:</b>	10,000 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	25 VDC, 28.75 VDC (Surge)
<b>Temperature Range:</b>	-40/+105°C
<b>Rated Temperature:</b>	105°C
<b>Life:</b>	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C)
<b>Resistance:</b>	119.9 mOhms (100Hz 20C), 335.2 mOhms (10kHz 20C)
<b>Ripple Current:</b>	3.659 Amps (100Hz 105C), 4.536 Amps (10kHz 105C)
<b>Leakage Current:</b>	750 uA (5min 20°C)

**Packaging Specifications**

<b>Weight:</b>	28 g
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Bulk, Bag