## KEMET Part Number: ALC70D151BB400

(A546CD151M400D)

ALC70, Aluminum Electrolytic, 150 uF, $20 \%, 400$ VDC, $-40 /+85^{\circ} \mathrm{C}$


| General Information |  |
| ---: | :--- |
| Series: | ALC70 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Snap-In, Aluminum Electrolytic |
| RoHS: | Yes |
| Lead: | 2 Pin Short |
| AEC-Q200: | No |
| Halogen Free: | Yes |
| Notes: | Dimensions D And L Include <br> Sleeving. |
| Shelf Life: | 156 Weeks |


| Dimensions |  |
| :---: | :---: |
| D | $25 \mathrm{~mm}+1 \mathrm{~mm}$ |
| L | $30 \mathrm{~mm}+/-2 \mathrm{~mm}$ |
| S | $10 \mathrm{~mm}+/-0.1 \mathrm{~mm}$ |
| LL | $4 \mathrm{~mm}+/-1 \mathrm{~mm}$ |
| F | $2 \mathrm{~mm}+/-0.1 \mathrm{~mm}$ |


| Specifications |  |
| ---: | :--- |
| Capacitance: | 150 uF |
| Capacitance Tolerance: | $20 \%$ |
| Voltage DC: | $400 \mathrm{VDC}, 440 \mathrm{VDC}$ (Surge) |
| Temperature Range: | $-40 /+85^{\circ} \mathrm{C}$ |
| Rated Temperature: | $85^{\circ} \mathrm{C}$ |
| Life: | $10000 \mathrm{Hrs}($ Rated Voltage And <br> Ripple Current At 85C), 16000 <br> Hrs (Rated Voltage at 85C) |
| Resistance: | $914.6 \mathrm{mOhms}(100 \mathrm{~Hz} \mathrm{20C})$, <br> $481.5 \mathrm{mOhms}(10 \mathrm{kHz} \mathrm{20C})$ |
| Ripple Current: | $1.008 \mathrm{Amps}(100 \mathrm{~Hz} 85 \mathrm{C}), ~ 2.458$ <br> Amps (10kHz 85C) |
| Leakage Current: | $\left.360 \mathrm{uA} \mathrm{(5min} \mathrm{20}^{\circ} \mathrm{C}\right)$ |

