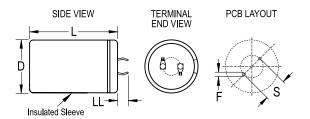
KEMET Part Number: ALC10A271DF550



Capacitor, aluminum, 270 uF, +/-20% Tol, -40/+85C, 550 VDC@85C



| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| D | 35 | +1 | |
| L | 50 | +/-2 | |
| S | 10 | +/-0.1 | |
| LL | 6.3 | +/-1 | |
| F | 2 | +/-0.1 | |

Notes:

-Dimensions D And L Include Sleeving

| General Information | | |
|------------------------|--------------------------------|--|
| Supplier: | KEMET | |
| Application: | General Purpose | |
| Part Type Description: | Snap-In, Aluminum Electrolytic | |
| Lead Type: | 2 Pin | |
| RoHS: | Yes | |

| Specifications | | |
|-------------------------|--|--|
| Capacitance: | 270 uF | |
| Voltage: | 550 VDC | |
| Tolerance: | +/-20% | |
| Voltage: | 605 VDC (Surge) | |
| Rated Temperature: | 85C | |
| Temperature Range: | -40/+85C | |
| Life: | 15000 Hrs (Rated Voltage And Ripple Current At 85C) | |
| Life: | 24000 Hrs (Rated Voltgae At 85C) | |
| Leakage Current: | 891 uA | |
| Leakage Condition: | uAmps (5min 20C) | |
| Resistance/ESR: | 1290 mOhms (100Hz 20C) | |
| Resistance/ESR: | 1126 mOhms (10kHz 20C) | |
| Current/Ripple Current: | 2.01 Amps (100Hz 85C) | |
| Current/Ripple Current: | 3.15 Amps (10kHz 85C) | |

| Packaging Specifications | | | |
|--------------------------|------|--|--|
| Package Kind: | Bulk | | |

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