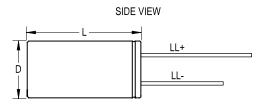
## **KEMET Part Number: ESK106M050AC3AA**



## ESK, Aluminum Electrolytic, 85C, 10 uF, 20%, 50 VDC, -40/+85C, Lead Spacing = 2mm





TERMINAL END VIEW

| Dimensions  |                |  |
|-------------|----------------|--|
| D           | 5mm +/-0.5mm   |  |
| L           | 11mm +1.5/-0mm |  |
| S           | 2mm +/-0.5mm   |  |
| LL Negative | 15mm MIN       |  |
| LL Positive | 20mm MIN       |  |
| F           | 0.5mm NOM      |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 10000     |  |

| General Information |  |  |
|---------------------|--|--|
| Supplier:           | KEMET                                  |  |
| Series:             | ESK                                    |  |
| Dielectric:         | Aluminum Electrolytic                  |  |
| Description:        | Single Ended, Aluminum<br>Electrolytic |  |
| RoHS:               | Yes                                    |  |
| Lead:               | Wire Leads                             |  |

| Specifications           |                        |
|--------------------------|------------------------|
| Capacitance:             | 10 uF                  |
| Capacitance Tolerance:   | 20%                    |
| Voltage DC:              | 50 VDC, 63 VDC (Surge) |
| Temperature Range:       | -40/+85C               |
| Rated Temperature:       | 85C                    |
| Life:                    | 2000 Hrs               |
| Dissipation Factor:      | 10.00% 120Hz 20c       |
| Ripple Current:          | 65 mAmps (120Hz 85C)   |
| Leakage Current:         | 5 uA (2min 20C)        |
| Impedance Ratio at -25C: | 3                      |
| Impedance Ratio at -40C: | 3                      |

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