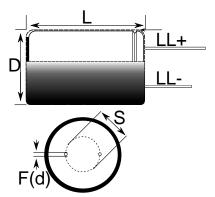
## **KEMET Part Number: EST228M050AN2AA**



## Capacitor, aluminum, 2200 uF, +/-20% Tol, -40/+105C, 50 VDC@105C



| Note: '()' correspond to the letters used in the product bull |
|---|
|---|

| Dimensions (mm) |           |           |  |  |
|-----------------|-----------|-----------|--|--|
| Symbol          | Dimension | Tolerance |  |  |
| D               | 18        | +/-0.5    |  |  |
| L               | 36        | +2        |  |  |
| S               | 7.5       | +/-0.5    |  |  |
| LLPos           | 20        | MIN       |  |  |
| LLNeg           | 15        | MIN       |  |  |
| F               | 0.8       | NOM       |  |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Bag  |  |
| Package Quantity:        | 500  |  |

| General Information    |  |  |
|------------------------|--|--|
| Supplier:              | KEMET  |  |
| Application:           | 105C Low Z   |  |
| Part Type Description: | Low-Z/Long-Life Single Ended Aluminum Electrolytic |  |
| Lead Type:             | Wire Leads   |  |
| RoHS:                  | Yes  |  |

| Specifications          |                          |  |
|-------------------------|--------------------------|--|
| Capacitance:            | 2200 uF                  |  |
| Voltage:                | 50 VDC                   |  |
| Tolerance:              | +/-20%                   |  |
| Voltage:                | 63 VDC (Surge)           |  |
| Life:                   | 10000 Hrs                |  |
| Rated Temperature:      | 105C                     |  |
| Temperature Range:      | -40/+105C                |  |
| Leakage Current:        | 1.1 mA                   |  |
| Leakage Condition:      | uAmps (2min 20C)         |  |
| Dissipation Factor:     | 10%                      |  |
| Impedance Ratio -25C:   | 2.0                      |  |
| Impedance Ratio -40C:   | 3.0                      |  |
| Resistance/ESR:         | 0.04 Ohms (100kHz 20C)   |  |
| Current/Ripple Current: | 3680 mAmps (100kHz 105C) |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

