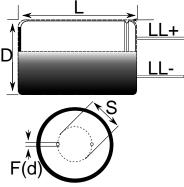
## KEMET Part Number: ESH337M050AH4AA



## Capacitor, aluminum, 330 uF, +/-20% Tol, -40/+105C, 50 VDC@105C



| ote: '()' | correspond | to the  | etters  | used i | n the | product bulle | atin |
|-----------|------------|---------|---------|--------|-------|---------------|------|
| 0.0. ()   | oonoopona  | 10 1110 | .011010 | 40041  |       | product build |      |

| Dimensions (mm) |           |           |  |  |  |
|-----------------|-----------|-----------|--|--|--|
| Symbol          | Dimension | Tolerance |  |  |  |
| D               | 10        | +/-0.5    |  |  |  |
| L               | 20        | +2        |  |  |  |
| S               | 5         | +/-0.5    |  |  |  |
| LLPos           | 20        | MIN       |  |  |  |
| LLNeg           | 15        | MIN       |  |  |  |
| F               | 0.6       | NOM       |  |  |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Bag  |  |
| Package Quantity:        | 2400 |  |

| General Information    |   |  |  |  |
|------------------------|---|--|--|--|
| Supplier:              | KEMET   |  |  |  |
| Application:           | 105C  |  |  |  |
| Part Type Description: | High CV Single Ended Aluminun<br>Electrolytic |  |  |  |
| Lead Type:             | Wire Leads                                    |  |  |  |
| RoHS:                  | Yes   |  |  |  |

| Specifications          |                        |  |  |  |
|-------------------------|------------------------|--|--|--|
| Capacitance:            | 330 uF                 |  |  |  |
| Voltage:                | 50 VDC                 |  |  |  |
| Tolerance:              | +/-20%                 |  |  |  |
| Voltage:                | 63 VDC (Surge)         |  |  |  |
| Life:                   | 2000 Hrs               |  |  |  |
| Rated Temperature:      | 105C                   |  |  |  |
| Temperature Range:      | -40/+105C              |  |  |  |
| Leakage Current:        | 165 uA                 |  |  |  |
| Leakage Condition:      | uAmps (2min 20C)       |  |  |  |
| Dissipation Factor:     | 12%                    |  |  |  |
| Impedance Ratio -25C:   | 2.0                    |  |  |  |
| Impedance Ratio -40C:   | 3.0                    |  |  |  |
| Current/Ripple Current: | 535 mAmps (120Hz 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.

