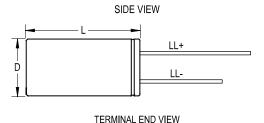
## **KEMET Part Number: ESY108M035AL4AA**



## ESY, Aluminum Electrolytic, 105C LowZ, 1,000 uF, 20%, 35 VDC, -40/+105C, Lead Spacing = 5mm





| Dimensions  |               |  |
|-------------|---------------|--|
| D           | 13mm +/-0.5mm |  |
| L           | 25mm +2mm     |  |
| S           | 5mm +/-0.5mm  |  |
| LL Negative | 15mm MIN      |  |
| LL Positive | 20mm MIN      |  |
| F           | 0.6mm NOM     |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 1600      |  |

| General Information |                                            |  |
|---------------------|--------------------------------------------|--|
| Supplier:           | KEMET                                      |  |
| Series:             | ESY                                        |  |
| Dielectric:         | Aluminum Electrolytic                      |  |
| Description:        | LowZ Single Ended Aluminum<br>Electrolytic |  |
| Features:           | Low Z                                      |  |
| RoHS:               | Yes                                        |  |
| Lead:               | Wire Leads                                 |  |

| Specifications           |                          |  |
|--------------------------|--------------------------|--|
| Capacitance:             | 1,000 uF                 |  |
| Capacitance Tolerance:   | 20%                      |  |
| Voltage DC:              | 35 VDC, 44 VDC (Surge)   |  |
| Temperature Range:       | -40/+105C                |  |
| Rated Temperature:       | 105C                     |  |
| Life:                    | 5000 Hrs                 |  |
| Dissipation Factor:      | 12.00%                   |  |
| Resistance:              | 0.018 Ohms (100kHz)      |  |
| Ripple Current:          | 2770 mAmps (100kHz 105C) |  |
| Leakage Current:         | 350 uA (2min 20C)        |  |
| Impedance Ratio at -25C: | 2                        |  |
| Impedance Ratio at -40C: | 3                        |  |

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.

