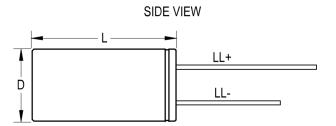


## ESX107M025AE3AA

ESX, Aluminum Electrolytic, 100 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 2.5 mm



## TERMINAL END VIEW



Click here for the 3D model.

| Dimensions  |                |
|-------------|----------------|
| D           | 6.3mm +/-0.5mm |
| L           | 11mm +1.5mm    |
| S           | 2.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.5mm NOM      |

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

| General Information |                                    |
|---------------------|------------------------------------|
| Series              | ESX                                |
| Dielectric          | Aluminum Electrolytic              |
| Description         | Single Ended Aluminum Electrolytic |
| RoHS                | Yes                                |
| Lead                | Wire Leads                         |
| AEC-Q200            | No                                 |

| Specifications              |   |
|-----------------------------|---|
| Capacitance                 | 100 uF  |
| Capacitance<br>Tolerance    | 20%   |
| Voltage DC                  | 25 VDC, 32 VDC (Surge)                                    |
| Temperature Range           | -40/+105°C  |
| Rated Temperature           | 105°C   |
| Life                        | 2000 Hrs  |
| Dissipation Factor          | 14%   |
| Resistance                  | 0.53 Ohms (ESR, 100kHz 25C), 0.53 Ohms<br>(Z, 100kHz 20C) |
| Ripple Current              | 240 mAmps (100kHz 105C)                                   |
| Leakage Current             | 32 uA (2min 20°C)   |
| Impedance Ratio at -<br>25C | 3   |
| Impedance Ratio at -<br>40C | 4   |

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