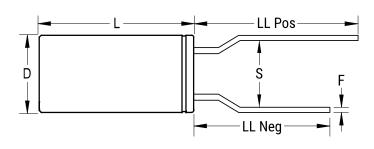


ESC107M025AE3JA

ESC, Aluminum, Aluminum Electrolytic, 100 uF, 20%, 25 VDC, -40/+105°C, 5 mm



| General Information      |  |
|--------------------------|--|
| Series                   | ESC  |
| Dielectric               | Aluminum Electrolytic                        |
| Description              | LowESR Single Ended Aluminum<br>Electrolytic |
| Features                 | Low ESR                                      |
| RoHS                     | Yes  |
| Lead                     | Formed To 5mm                                |
| AEC-Q200                 | No   |
| Typical Component Weight | 600 mg                                       |

## Click here for the 3D model.

| Dimensions  |                |
|-------------|----------------|
| D           | 6.3mm +/-0.5mm |
| L           | 11mm +1.5mm    |
| S           | 5mm +/-0.5mm   |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| но          | 16mm +/-0.75mm |
| F           | 0.5mm NOM      |

## **Packaging Specifications**

Packaging

T&R

| Specifications          |                         |
|-------------------------|-------------------------|
| Capacitance             | 100 uF                  |
| Tolerance               | 20%                     |
| Voltage DC              | 25 VDC, 32 VDC (Surge)  |
| Temperature Range       | -40/+105°C              |
| Rated Temperature       | 105°C                   |
| Life                    | 2000 Hrs                |
| Dissipation Factor      | 14%                     |
| ESR                     | 0.22 Ohms (100kHz 20C)  |
| Ripple Current          | 250 mAmps (100kHz 105C) |
| Leakage Current         | 25 uA (2min 20°C)       |
| Impedance Ratio at -25C | 3                       |
| Impedance Ratio at -40C | 4                       |

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