

## ESC106M025AC3AA

ESC, Aluminum Electrolytic, 10 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 2mm

SIDE VIEW



TERMINAL END VIEW



Click [here](#) for the 3D model.

| Dimensions  |              |
|-------------|--------------|
| D           | 5mm +/-0.5mm |
| L           | 11mm +1.5mm  |
| S           | 2mm +/-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      | ESC                                       |
| Dielectric  | Aluminum Electrolytic                     |
| Description | LowESR Single Ended Aluminum Electrolytic |
| Features    | Low ESR                                   |
| RoHS        | Yes                                       |
| Lead        | Wire Leads                                |
| AEC-Q200    | No  |

### Specifications

|                         |                        |
|-------------------------|------------------------|
| Capacitance             | 10 uF                  |
| Capacitance 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              | 0.55 Ohms (100kHz)     |
| Ripple Current          | 50 mAmps (100kHz 105C) |
| Leakage Current         | 3 uA (2min 20°C)       |
| Impedance Ratio at -25C | 3                      |
| Impedance Ratio at -40C | 4                      |

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