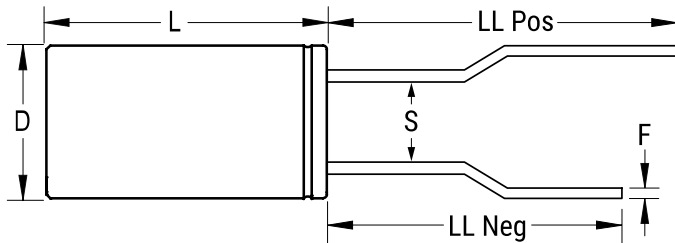


## ESC127M050AG6EA

ESC, Aluminum, Aluminum Electrolytic, 120 uF, 20%, 50 VDC, -40/+105°C, 3.5 mm



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

### General Information

|             |                                           |
|-------------|-------------------------------------------|
| Series      | ESC                                       |
| Dielectric  | Aluminum Electrolytic                     |
| Description | LowESR Single Ended Aluminum Electrolytic |
| Features    | Low ESR                                   |
| RoHS        | Yes                                       |
| Lead        | Wire Leads                                |
| AEC-Q200    | No                                        |

### Dimensions

|             |                  |
|-------------|------------------|
| D           | 8mm +/-0.5mm     |
| L           | 20mm +2mm        |
| S           | 3.5mm +/-0.5mm   |
| LL Negative | 15mm MIN         |
| LL Positive | 20mm MIN         |
| H0          | 18.5mm +/-0.75mm |
| F           | 0.6mm NOM        |

### Packaging Specifications

|           |      |
|-----------|------|
| Packaging | Ammo |
|-----------|------|

### Specifications

|                         |                         |
|-------------------------|-------------------------|
| Capacitance             | 120 uF                  |
| Tolerance               | 20%                     |
| Voltage DC              | 50 VDC, 63 VDC (Surge)  |
| Temperature Range       | -40/+105°C              |
| Rated Temperature       | 105°C                   |
| Life                    | 2000 Hrs                |
| Dissipation Factor      | 10%                     |
| ESR                     | 0.21 Ohms (100kHz 20C)  |
| Ripple Current          | 650 mAmps (100kHz 105C) |
| Leakage Current         | 60 uA (2min 20°C)       |
| Impedance Ratio at -25C | 2                       |
| Impedance Ratio at -40C | 4                       |

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