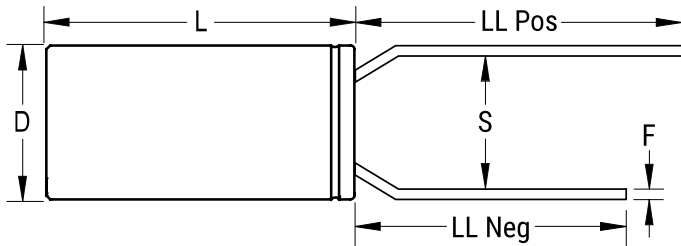


## ESE105M100AC3FA

ESE, Aluminum, Aluminum Electrolytic, 1 uF, 20%, 100 VDC, -40/+105°C, 2.5 mm



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

### General Information

|             |                                     |
|-------------|-------------------------------------|
| Series      | ESE                                 |
| Dielectric  | Aluminum Electrolytic               |
| Description | Single Ended, Aluminum Electrolytic |
| RoHS        | Yes                                 |
| Lead        | Formed To 2.5mm                     |
| AEC-Q200    | No                                  |

### Dimensions

|             |                |
|-------------|----------------|
| D           | 5mm +/-0.5mm   |
| L           | 11mm +1.5mm    |
| S           | 2.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| H0          | 16mm +/-0.75mm |
| F           | 0.5mm NOM      |

### Packaging Specifications

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

### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 1 uF                     |
| Tolerance               | 20%                      |
| Voltage DC              | 100 VDC, 125 VDC (Surge) |
| Temperature Range       | -40/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 1000 Hrs                 |
| Dissipation Factor      | 10% 120Hz 20C            |
| Ripple Current          | 15 mAmps (120Hz 105C)    |
| Leakage Current         | 3 uA (2min 20°C)         |
| Impedance Ratio at -25C | 3                        |
| Impedance Ratio at -40C | 3                        |

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