

ESE105M160AC3FA

ESE, Aluminum Electrolytic, 1 uF, 20%, 160 VDC, -40/+105°C, Lead Spacing = 2.5mm



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

Dimensions

| | |
|-------------|----------------|
| D | 5mm +/-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 | Ammo |
| Packaging Quantity | 2000 |

General Information

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

Specifications

| | |
|-------------------------|--------------------------|
| Capacitance | 1 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 160 VDC, 200 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 1000 Hrs |
| Dissipation Factor | 15% 120Hz 20C |
| Ripple Current | 17 mAmps (120Hz 105C) |
| Leakage Current | 3 uA (2min 20°C) |
| Impedance Ratio at -25C | 7 |
| Impedance Ratio at -40C | 7 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.