

## ESC107M025AE3DA

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



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
F	0.5mm NOM

### Packaging Specifications

Packaging	Ammo
Packaging Quantity	2000

### General Information

Series	ESC
Dielectric	Aluminum Electrolytic
Description	LowESR Single Ended Aluminum Electrolytic
Features	Low ESR
RoHS	Yes
Lead	Formed To 5mm
AEC-Q200	No

### Specifications

Capacitance	100 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	0.22 Ohms (100kHz)
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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