

## ESL105M450AE3DA

ESL, Aluminum Electrolytic, 1 uF, 20%, 450 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	ESL
Dielectric	Aluminum Electrolytic
Description	Single Ended Aluminum Electrolytic
RoHS	Yes
Lead	Formed To 5mm
AEC-Q200	No

### Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs
Dissipation Factor	20%
Resistance	33 Ohms (100kHz 20C)
Ripple Current	50 mAmps (100kHz 105C)
Leakage Current	19 uA (2min 20°C)
Impedance Ratio at -40C	9

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