

ESL186M450AK1AA

ESL, Aluminum, Aluminum Electrolytic, 18 uF, 20%, 450 VDC, -40/+105°C, 5 mm

SIDE VIEW



TERMINAL END VIEW



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General Information

Series	ESL
Dielectric	Aluminum Electrolytic
Description	Single Ended, Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

Dimensions

D	12.5mm +/-0.5mm
L	25mm +2.0mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Bulk, Bag
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Specifications

Capacitance	18 uF
Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	20%
ESR	3.6 Ohms (100kHz 20C)
Ripple Current	470 mAmps (100kHz 105C)
Leakage Current	172 uA (2min 20°C)
Impedance Ratio at -40C	9

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