

ESL277M100AM5AA

ESL, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 100 VDC, -40/+105°C, 7.5 mm

SIDE VIEW



TERMINAL END VIEW



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

General Information

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

Dimensions

D	16mm +/-0.5mm
L	20mm +2.0mm
S	7.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.8mm NOM

Packaging Specifications

Packaging	Bulk, Bag
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Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	100 VDC, 125 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	9% 120Hz 20C
ESR	0.064 Ohms (100kHz 20C)
Ripple Current	1650 mAmps (100kHz 105C)
Leakage Current	270 uA (2min 20°C)
Impedance Ratio at -40C	4

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