

ESC109M6R3AM3AA

ESC, Aluminum Electrolytic, 10,000 uF, 20%, 6.3 VDC, -40/+105°C, Lead Spacing = 7.5mm

SIDE VIEW



TERMINAL END VIEW



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

Dimensions	
D	16mm +/-0.5mm
L	36mm +2mm
S	7.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.8mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	600

General Information

Series	ESC
Dielectric	Aluminum Electrolytic
Description	LowESR Single Ended Aluminum Electrolytic
Features	Low ESR
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

Specifications

Capacitance	10,000 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	22%
Resistance	0.019 Ohms (100kHz)
Ripple Current	2550 mAmps (100kHz 105C)
Leakage Current	630 uA (2min 20°C)
Impedance Ratio at -25C	4
Impedance Ratio at -40C	8

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