

ESC106M100AE3KA

ESC, Aluminum Electrolytic, 10 uF, 20%, 100 VDC, -40/+105°C, Lead Spacing = 2.5mm



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Dimensions

D	6.3mm +/-0.5mm
L	11mm +1.5mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	2200

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 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 125 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	8%
Resistance	1.5 Ohms (100kHz)
Ripple Current	200 mAmps (100kHz 105C)
Leakage Current	10 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	4

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