

ESC158M050AM3AA

ESC, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 50 VDC, -40/+105°C, 7.5 mm

SIDE VIEW



TERMINAL END VIEW



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

General Information

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

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
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Specifications

Capacitance	1,500 uF
Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	10%
ESR	0.025 Ohms (100kHz 20C)
Ripple Current	2550 mAmps (100kHz 105C)
Leakage Current	750 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	4

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