

ESC107M016AC3EA

ESC, Aluminum, Aluminum Electrolytic, 100 uF, 20%, 16 VDC, -40/+105°C, 2 mm



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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	5mm +/-0.5mm
L	11mm +1.5mm
S	2mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
H0	18.5mm +/-0.75mm
F	0.5mm NOM

Packaging Specifications

Packaging	Ammo
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Specifications

Capacitance	100 uF
Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	16%
ESR	0.37 Ohms (100kHz 20C)
Ripple Current	200 mAmps (100kHz 105C)
Leakage Current	16 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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