

EST188M050AN1AA

EST, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 50 VDC, -40/+105°C, 7.5 mm

SIDE VIEW



TERMINAL END VIEW



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General Information

Series	EST
Dielectric	Aluminum Electrolytic
Description	LowZ, Long Life, Single Ended Aluminum Electrolytic
Features	Low Z, Long Life, Low Impedance
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

Dimensions

D	18mm +/-0.5mm
L	32mm +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	1,800 uF
Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	14%
ESR	0.047 Ohms (ESR, 100kHz 25C), 0.047 Ohms (Z, 100kHz 20C)
Ripple Current	3635 mAmps (100kHz 105C)
Leakage Current	900 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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