

EST129M6R3AN1AA

EST, Aluminum Electrolytic, 12,000 uF, 20%, 6.3 VDC, -40/+105°C, Lead Spacing = 7.5mm



TERMINAL END VIEW



Click here for the 3D model.

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
Packaging Quantity	500

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	

Specifications	/
Capacitance	12,000 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs
Dissipation Factor	22%
Resistance	0.015 Ohms (ESR, 100kHz 25C), 0.015 Ohms (Z, 100kHz 20C)
Ripple Current	4170 mAmps (100kHz 105C)
Leakage Current	756 uA (2min 20°C)
Impedance Ratio at - 25C	4
Impedance Ratio at - 40C	8

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