

EST158M6R3AG6AA

EST, Aluminum Electrolytic, 1,500 uF, 20%, 6.3 VDC, -40/+105°C, Lead Spacing = 3.5mm

SIDE VIEW



TERMINAL END VIEW



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

Dimensions	
D	8mm +/-0.5mm
L	20mm +2mm
S	3.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	4000

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	1,500 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	6000 Hrs
Dissipation Factor	22%
Resistance	0.11 Ohms (ESR, 100kHz 25C), 0.11 Ohms (Z, 100kHz 20C)
Ripple Current	1050 mAmps (100kHz 105C)
Leakage Current	94.5 uA (2min 20°C)
Impedance Ratio at -25C	4
Impedance Ratio at -40C	8

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