

EST278M6R3AH5AA

EST, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 6.3 VDC, -40/+105°C, 5 mm

SIDE VIEW



TERMINAL END VIEW



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

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	10mm +/-0.5mm
L	25mm +2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Bulk, Bag
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Specifications

Capacitance	2,700 uF
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%
ESR	0.052 Ohms (ESR, 100kHz 25C), 0.052 Ohms (Z, 100kHz 20C)
Ripple Current	1650 mAmps (100kHz 105C)
Leakage Current	170.1 uA (2min 20°C)
Impedance Ratio at -25C	4
Impedance Ratio at -40C	8

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