

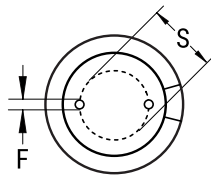
## EST278M6R3AH5AA

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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