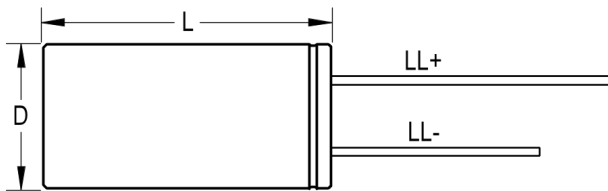


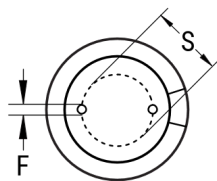
## ESC686M035AE3AA

ESC, Aluminum, Aluminum Electrolytic, 68 uF, 20%, 35 VDC, -40/+105°C, 2.5mm

SIDE VIEW



TERMINAL END VIEW



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

### Dimensions

D	6.3mm +/-0.5mm
L	11mm +1.5mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.5mm NOM

### Packaging Specifications

Packaging Bulk, Bag

### General Information

Series	ESC
Dielectric	Aluminum Electrolytic
Style	Radial
Description	LowESR Single Ended Aluminum Electrolytic
Features	Low ESR
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

### Specifications

Capacitance	68 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC, 44 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	12%
ESR	0.22 Ohms (100kHz 20C)
Ripple Current	300 mAmps (100kHz 105C)
Leakage Current	23.8 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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