

## ESC158M025AM7AA

ESC, Aluminum Electrolytic, 1,500 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 7.5mm

SIDE VIEW



TERMINAL END VIEW



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

Dimensions	
D	16mm +/-0.5mm
L	25mm +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	1000

### General Information

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

### Specifications

Capacitance	1,500 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC, 32 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	14%
Resistance	0.028 Ohms (100kHz)
Ripple Current	2000 mAmps (100kHz 105C)
Leakage Current	375 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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