

ESC827M025AH4AA

ESC, Aluminum, Aluminum Electrolytic, 820 uF, 20%, 25 VDC, -40/+105°C, 5 mm

SIDE VIEW



TERMINAL END VIEW



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

General Information

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

Dimensions

D	10mm +/-0.5mm
L	20mm +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	820 uF
Tolerance	20%
Voltage DC	25 VDC, 32 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	14%
ESR	0.039 Ohms (100kHz 20C)
Ripple Current	1250 mAmps (100kHz 105C)
Leakage Current	205 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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