

ESC108M025AL3AA

ESC, Aluminum Electrolytic, 1,000 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 5mm



TERMINAL END VIEW



Click here for the 3D model.

Dimensions	١
D	13mm +/-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
Packaging Quantity	2000

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	1,000 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	0.038 Ohms (100kHz)
Ripple Current	1450 mAmps (100kHz 105C)
Leakage Current	250 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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