

ESY687M010AG8DA

ESY, Aluminum Electrolytic, 680 uF, 20%, 10 VDC, -40/+105°C, Lead Spacing = 5mm



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Dimensions

D	8mm +/-0.5mm
L	16mm +2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Ammo
Packaging Quantity	1000

General Information

Series	ESY
Dielectric	Aluminum Electrolytic
Description	LowZ Single Ended Aluminum Electrolytic
Features	Low Z
RoHS	Yes
Lead	Formed To 5mm
AEC-Q200	No

Specifications

Capacitance	680 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC, 13 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	19%
Resistance	0.056 Ohms (100kHz)
Ripple Current	1000 mAmps (100kHz 105C)
Leakage Current	68 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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