

ESY108M010AH8EA

ESY, Aluminum Electrolytic, 1,000 uF, 20%, 10 VDC, -40/+105°C, Lead Spacing = 5mm



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Dimensions

D	10mm +/-0.5mm
L	16mm +2.0/-0mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Ammo
Packaging Quantity	700

General Information

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

Specifications

Capacitance	1,000 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC, 13 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	4000 Hrs
Dissipation Factor	19%
Resistance	0.038 Ohms (100kHz 25C)
Ripple Current	1430 mAmps (120Hz 105C)
Leakage Current	100 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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