

ESC477M6R3AG3DA

ESC, Aluminum Electrolytic, 470 uF, 20%, 6.3 VDC, -40/+105°C, Lead Spacing = 5mm



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Dimensions

D	8mm +/-0.5mm
L	11mm +1.5mm
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	ESC
Dielectric	Aluminum Electrolytic
Description	LowESR Single Ended Aluminum Electrolytic
Features	Low ESR
RoHS	Yes
Lead	Formed To 5mm
AEC-Q200	No

Specifications

Capacitance	470 uF
Capacitance Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	22%
Resistance	0.14 Ohms (100kHz)
Ripple Current	550 mAmps (100kHz 105C)
Leakage Current	29.6 uA (2min 20°C)
Impedance Ratio at -25C	4
Impedance Ratio at -40C	8

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