

ALF80C272EL250

ALF80, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 250 VDC, -40/+105°C, 22.5 mm



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General Information

Series	ALF80
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Typical Component Weight	165 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk

Specifications

Capacitance	2,700 uF
Tolerance	20%
Voltage DC	250 VDC, 288 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
ESR	72.08 mOhms (100Hz 20C), 44.82 mOhms (10kHz 20C)
Ripple Current	6.415 Amps (100Hz 105C), 11.5 Amps (10kHz 105C)
Leakage Current	2025 uA (5min 20°C)

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