

KEMET Part Number: ALF80C102DF250
(A557EH102M250C)



ALF80, Aluminum Electrolytic, 1,000 uF, 20%, 250 VDC, -40/+105°C



General Information	
Series:	ALF80
Dielectric:	Aluminum Electrolytic
Style:	Press-Fit
Description:	Press-Fit, Aluminum Electrolytic
RoHS:	Yes
Lead:	4 Pin Press-Fit
AEC-Q200:	No
Component Weight:	80 g
Notes:	Dimensions D And L Include Sleevings.
Shelf Life:	156 Weeks

Dimensions	
D	35mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications	
Sleevings:	Yes
Packaging:	Bulk

Specifications	
Capacitance:	1,000 uF
Capacitance Tolerance:	20%
Voltage DC:	250 VDC, 288 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance:	178.2 mOhms (100Hz 20C), 106.1 mOhms (10kHz 20C)
Ripple Current:	3.456 Amps (100Hz 105C), 7.521 Amps (10kHz 105C)
Leakage Current:	750 uA (5min 20°C)

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