

PEG124, Aluminum Electrolytic, 1 uF, -10/+30%, 450 VDC, -40/+105°C



Dimensions	
D	10mm +/-0.5mm
L	20mm +/-1mm
L1	26mm MIN
LL	31mm +3/-2mm
F	0.8mm +/-0.03mm

Packaging Specifications	
Sleeving:	Yes
Packaging:	T&R

General Information	
Series:	PEG124
Dielectric:	Aluminum Electrolytic
Style:	Axial
Description:	Long Life Axial Aluminum Electrolytic
Features:	Long Life
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	3 g
Miscellaneous:	Life Calculation Based On Maximum Ripple Current, Please Contact KEMET For More Information.
Notes:	L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article. Dimensions D And L Include Slewing.
Shelf Life:	156 Weeks

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	450 VDC
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	8000 Hrs
Resistance:	49000 mOhms (100Hz 20C), 20000 mOhms (100kHz 20C)
Ripple Current:	0.03 Amps (100Hz 105C), 0.21 Amps (5kHz 60C), 0.08 Amps (5kHz 105C)
Leakage Current:	1 uA (5min 20°C)
Inductance:	5 nH (ESL)

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