

PEG124_125C, Aluminum Electrolytic, 1,000 uF, -10/+30%, 40 VDC, -40/+125°C



Dimensions	
D	16mm +/-0.5mm
L	37mm +/-1mm
L1	43mm MIN
LL	42mm +3/-2mm
F	0.8mm +/-0.03mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	100

General Information	
Series:	PEG124_125C
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:	11 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.

Specifications	
Capacitance:	1,000 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	40 VDC
Temperature Range:	-40/+125°C
Rated Temperature:	125°C
Life:	4000 Hrs
Resistance:	110 mOhms (100Hz 20C), 50 mOhms (100kHz 20C)
Ripple Current:	1.242 Amps (100Hz 125C), 7.8 Amps (5kHz 60C), 2.8 Amps (5kHz 125C)
Leakage Current:	120 uA (5min 20°C)
Inductance:	12 nH (ESL)

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