

PEG124\_125C, Aluminum Electrolytic, 47 uF, -10/+30%, 63 VDC, -40/+125°C



Dimensions	
D	10mm +/-0.5mm
L	29mm +/-1mm
L1	35mm MIN
LL	42mm +3/-2mm
F	0.8mm +/-0.03mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	200

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:	4 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:	47 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	63 VDC
Temperature Range:	-40/+125°C
Rated Temperature:	125°C
Life:	2000 Hrs
Resistance:	1600 mOhms (100Hz 20C), 550 mOhms (100kHz 20C)
Ripple Current:	0.19 Amps (100Hz 125C), 1.6 Amps (5kHz 60C), 0.57 Amps (5kHz 125C)
Leakage Current:	9 uA (5min 20°C)
Inductance:	6 nH (ESL)

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