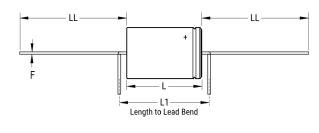


PEG124YD1680QT1

PEG124, Aluminum Electrolytic, 6.8 uF, -10/+30%, 450 VDC, -40/+105°C





Click here for the 3D model.

Dimensions	
D	13mm +/-0.5mm
L	29mm +/-1mm
L1	35mm MIN
LL	27mm +3/-2mm
F	0.8mm +/-0.03mm

Packaging Specifications		
Sleeving	Yes	
Packaging	T&R, Plastic Tape	

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	6 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 Sleeving.	
Shelf Life	156 Weeks	

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	-10/+30%
Voltage DC	450 VDC
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Resistance	8300 mOhms (100Hz 20C), 4000 mOhms (100kHz 20C)
Ripple Current	0.097 Amps (100Hz 105C), 0.61 Amps (5kHz 60C), 0.22 Amps (5kHz 105C)
Leakage Current	9 uA (5min 20°C)
Inductance	8 nH (ESL)

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