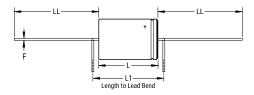
KEMET Part Number: PEG124UD1680QT1



PEG124, Aluminum Electrolytic, 6.8 uF, -10/+30%, 350 VDC, -40/+105°C





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	

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:	350 VDC
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	10000 Hrs
Resistance:	9000 mOhms (100Hz 20C), 4200 mOhms (100kHz 20C)
Ripple Current:	0.092 Amps (100Hz 105C), 0.59 Amps (5kHz 60C), 0.22 Amps (5kHz 105C)
Leakage Current:	18 uA (5min 20°C)
Inductance:	8 nH (ESL)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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