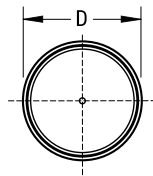


## PEG124YD1680QT1

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



Click [here](#) for the 3D model.

### 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
Typical 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 Slewing.
Shelf Life	156 Weeks

### Dimensions

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

### Packaging Specifications

Slewing	Yes
Packaging	T&R, Plastic Tape

### Specifications

Capacitance	6.8 uF
Tolerance	-10/+30%
Voltage DC	450 VDC
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
ESR	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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