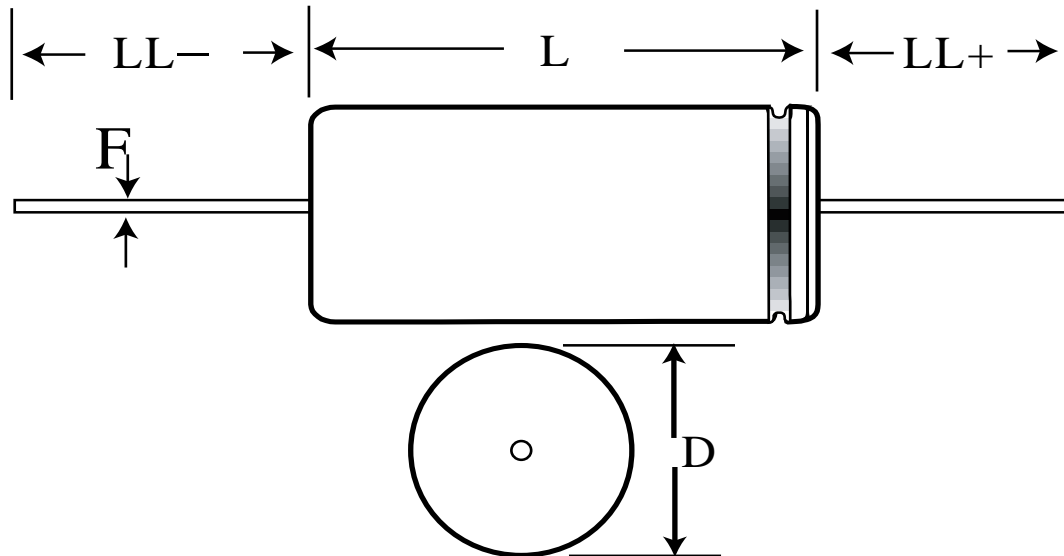


A142JL6R8Q450T

aka PEG124YD1680QT1

Capacitor, aluminum, 6.8 uF, -10/+30% Tol



Dimensions (mm)

ID	Dimension	Tolerance
D	13	+/-0.5
L	29	+/-1
LL+	27	+3/-2
LL-	27	+3/-2
F	0.8	+/-0.03

Specifications

Manufacturer:	KEMET
Capacitance:	6.8 uF
Rated Temperature:	105C
Voltage @ rated temp:	450V
VDC Surge:	495VVDC
Life @ rated temp:	14000 h
Temperature Range:	-40/+125C
RoHS:	Yes
Low ESR:	Yes
Low Impedance:	Yes
Tolerance:	-10/+30%
Part Type Description:	Axial Cylindrical Aluminum Electrolytic
Style:	Axial Cylindrical
Lead Type:	Wire Leads
Lead Form:	Straight
ESR at 100Hz @ room temp:	8.3 mOhm
ESR at 100kHz @ room temp:	4 mOhm
Leakage Current:	9.18 uA
Leakage Condition:	5min/20c
Ripple 100Hz @ rated temp:	0.097 A
Miscellaneous Electrical:	series-PEG124H, series-PEG124H Rifa version ref: 0
Package Kind:	T&R
Package Quantity:	400