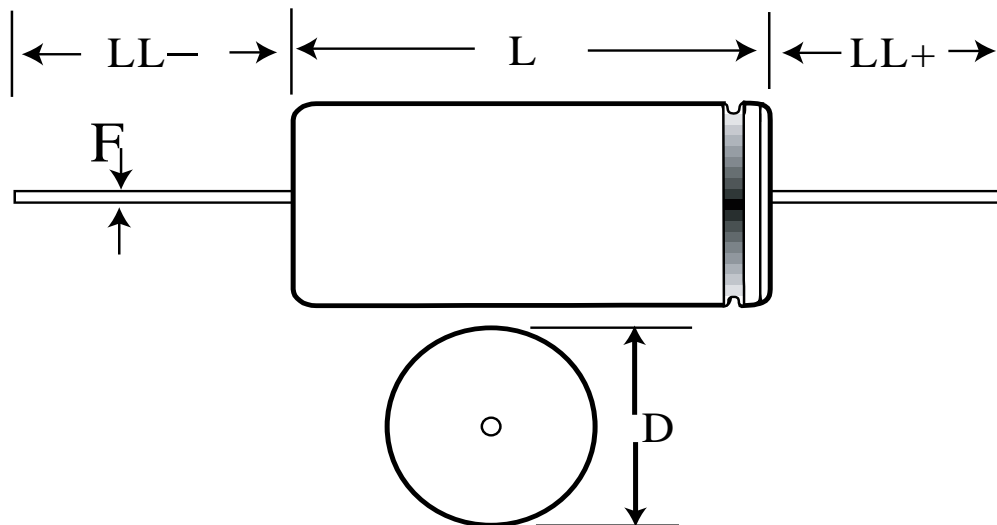


# A142MS470Q450A

aka PEG124YL2470QL1

Capacitor, aluminum, 47 uF, -10/+30% Tol



## Dimensions (mm)

ID	Dimension	Tolerance
D	20	+/-0.5
L	46	+/-1
LL+	42	+3/-2
LL-	42	+3/-2
F	0.8	+/-0.03

## Specifications

<b>Manufacturer:</b>	KEMET
<b>Capacitance:</b>	47 uF
<b>Rated Temperature:</b>	105C
<b>Voltage @ rated temp:</b>	450V
<b>VDC Surge:</b>	495WVDC
<b>Life @ rated temp:</b>	14000 h
<b>Temperature Range:</b>	-40/+125C
<b>RoHS:</b>	Yes
<b>Low ESR:</b>	Yes
<b>Low Impedance:</b>	Yes
<b>Tolerance:</b>	-10/+30%
<b>Part Type Description:</b>	Axial Cylindrical Aluminum Electrolytic
<b>Style:</b>	Axial Cylindrical
<b>Lead Type:</b>	Wire Leads
<b>Lead Form:</b>	Straight
<b>ESR at 100Hz @ room temp:</b>	1.2 mOhm
<b>ESR at 100kHz @ room temp:</b>	0.53 mOhm
<b>Leakage Current:</b>	63.45 uA
<b>Leakage Condition:</b>	5min/20c
<b>Ripple 100Hz @ rated temp:</b>	0.377 A
<b>Miscellaneous Electrical:</b>	series-PEG124H, series-PEG124H Rifa version ref: 0
<b>Package Kind:</b>	Bulk
<b>Package Quantity:</b>	100