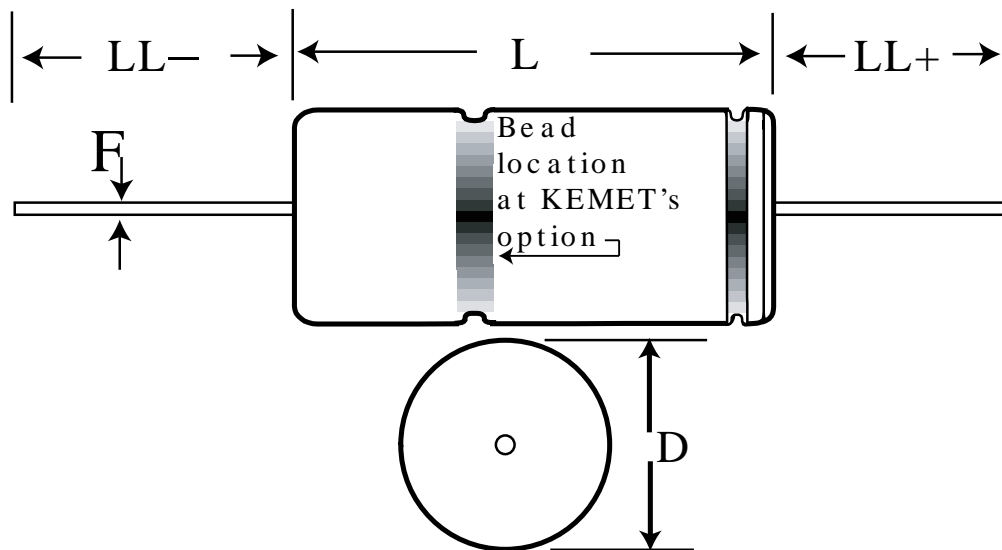


A251KP302M025A

aka PEG225HG4300ME1

Capacitor, aluminum, 3000 uF, +/-20% Tol



Dimensions (mm)

ID	Dimension	Tolerance
D	16	+/-0.5
L	37	+/-1
LL+	42	+/-2
LL-	42	+/-2
F	0.8	+/-0.03

Specifications

Manufacturer:	KEMET
Capacitance:	3000 uF
Rated Temperature:	150C
Voltage @ rated temp:	25V
VDC Surge:	28.75WVDC
Life @ rated temp:	1500 h
Life @ alt temp:	3000 h
Life alt temp:	125C
Life alt conditions:	Rated Ripple
Temperature Range:	-40/+150C
RoHS:	Yes
Low ESR:	Yes
Low Impedance:	Yes
Tolerance:	+/-20%
Part Type Description:	Axial Cylindrical Aluminum Electrolytic
Style:	Axial Cylindrical
Lead Type:	Wire Leads
Lead Form:	Straight
ESR at 100Hz @ room temp:	44 mOhm
ESR at 100kHz @ room temp:	25 mOhm
Leakage Current:	225 uA
Leakage Condition:	5min/20c
Ripple 10kHz @ rated temp:	5.6 A
Miscellaneous Electrical:	series-PEG225, ESR @150C Freq:5-100KHz: 9.2 mR
Package Kind:	Bulk
Package Quantity:	100