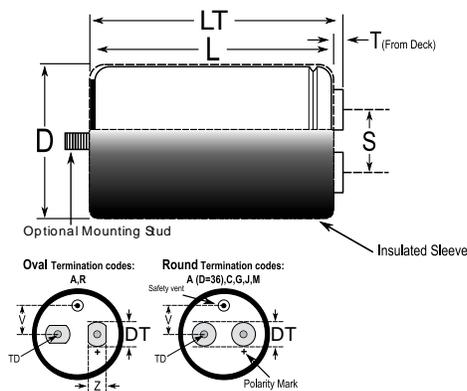


KEMET Part Number: ALS30A102KE415
(A331LH102M415A)

Capacitor, aluminum, 1000 uF, +/-20% Tol, -40/+85C, 415VDC@85° C



Dimensions (mm)		
Symbol	Dimension	Tolerance
D	51	+/-1
L	82	+/-2
LT	86.5	+/-1
S	22.2	+/-0.5
T	5.5	+/-0.5
TD	10	MIN
DT	13	+/-0.5
V	13.7	NOM
Z	10	NOM

Notes:
-Dimensions D and L include sleeving

General Information	
Supplier:	KEMET
Part Type Description:	Computer Grade Aluminum Electrolytic
Style:	Computer Grade
Lead Type:	Oval Threaded Inserts- M5
Mounting Type:	Clip- V4/UTE2737
Weight:	220 g

Specifications	
Capacitance:	1000 uF
Tolerance:	+/-20%
Rated Temperature:	85° C
Voltage @ rated temp:	415VDC
VDC Surge:	456.5VDC
Transient Voltage:	530V
Life @ rated temp:	18000 Hrs
RoHS:	Yes
Low Z/ESR:	Yes
Temperature Range:	-40/+85C
ESR at 100Hz @ room temp:	136 mOhm
ESR at 120Hz @ room temp:	128 mOhm
ESR at 100kHz @ room temp:	88 mOhm
Leakage Current:	2.49 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	94 mOhm
Impedance @ 100kHz:	89 mOhm
Ripple 100Hz @ rated temp:	5.7 A
Ripple 10kHz @ rated temp:	10.4 A

Packaging Specifications	
Package Kind:	Bulk