

KEMET Part Number: ALS30A102KE415
(A331LH102M415A)

ALS30, Aluminum Electrolytic, 85C, 1,000 uF, 20%, 415 VDC, -40/+85C



General Information	
Supplier:	KEMET
Series:	ALS30
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Notes:	Dimensions D And L Include Slewing. MS (MxH) = M12x16
Shelf Life:	156 Weeks

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

Specifications	
Capacitance:	1,000 uF
Capacitance Tolerance:	20%
Voltage DC:	415 VDC
Temperature Range:	-40/+85C
Rated Temperature:	85C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C)
Resistance:	136 mOhms (100Hz 20C), 94 mOhms (10kHz 20C)
Ripple Current:	5.7 Amps (100Hz 85C), 10.4 Amps (10kHz 85C)
Leakage Current:	2490 uA (5min 20C)

Packaging Specifications	
Weight:	220 g
Slewing:	Yes
Packaging:	Bulk, Box