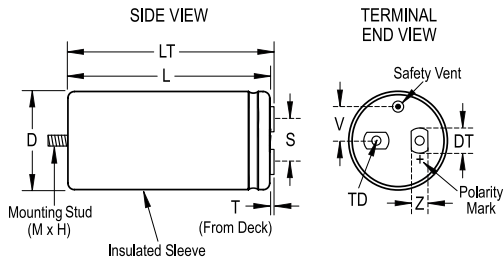


KEMET Part Number: ALS31A102KF450
(A431LM102M450A)

ALS31, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C



General Information	
Supplier:	KEMET
Series:	ALS31
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Mounting:	Stud
AEC-Q200:	No
Notes:	Dimensions D And L Include Sleevling. MS (MxH) = M12x16

Dimensions	
D	51mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

Specifications	
Capacitance:	1,000 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C)
Resistance:	118 mOhms (100Hz 20C), 79 mOhms (10kHz 20C)
Ripple Current:	6.5 Amps (100Hz 85C), 12.6 Amps (10kHz 85C)
Leakage Current:	2700 uA (5min 20°C)

Packaging Specifications	
Weight:	300 g
Sleevling:	Yes
Packaging:	Bulk, Box

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