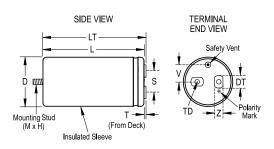
KEMET Part Number: ALS31A102KF450

(A431LM102M450A)



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



General Information		
Supplier:	KEMET	
Series:	ALS31	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16	

Specifications

1,000 uF

450 VDC

-40/+85C

18000 Hrs (Rated Voltage And

20%

85C

Capacitance:

Voltage DC:

Capacitance Tolerance:

Temperature Range:

Rated Temperature:

Dimensions		
D	51mm +/-1mm	
L	105mm +/-2mm	
Т	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	

+/-0.5mm	Life:	Ripple Current At 85C), 36000 Hrs (Rated Voltgae At 85C)
m +/-1mm	Desistance	118 mOhms (100Hz 20C), 79
m MIN	Resistance:	mOhms (10kHz 20C)
Im NOM	Ripple Current:	6.5 Amps (100Hz 85C), 12.6
m NOM	Ripple Current.	Amps (10kHz 85C)
	Leakage Current:	2700 uA (5min 20C)

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

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