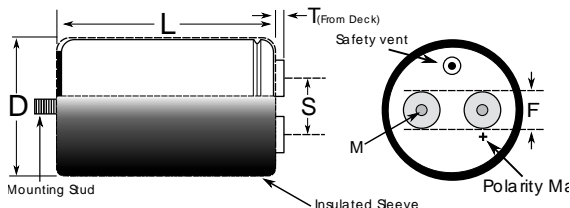


KEMET Part Number: ALS31C472NP450
(A431TS472M450C)

Capacitor, aluminum, 4700 uF, +/-20% Tol, -40/+85C, 450V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
D	77	+/-1
L	146	+/-2
S	31.8	+/-0.5
T	5.5	+/-0.5
F	13	+/-0.5
M	6	

Notes:
-Dimensions D and L include sleeving

General Information	
Manufacturer:	KEMET
Part Type Description:	Computer Grade Aluminum Electrolytic
Style:	Computer Grade
Lead Type:	Threaded Inserts- M6
Mounting Type:	Stud- M12x16

Specifications	
Capacitance:	4700 uF
Tolerance:	+/-20%
Rated Temperature:	85C
Voltage @ rated temp:	450V
VDC Surge:	495WVDC
Transient Voltage:	550V
Life @ rated temp:	20000 h
RoHS:	Yes
Low Z/ESR:	Yes
Temperature Range:	-40/+85C
ESR at 100Hz @ room temp:	36 mOhm
ESR at 120Hz @ room temp:	34 mOhm
ESR at 100kHz @ room temp:	24 mOhm
Leakage Current:	6 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	26 mOhm
Impedance @ 100kHz:	28 mOhm
Ripple 100Hz @ rated temp:	17.1 A
Ripple 10kHz @ rated temp:	25.2 A

Packaging Specifications	
Package Kind:	Bulk