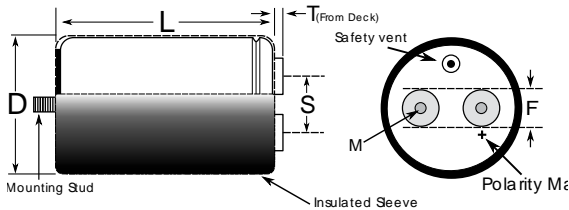


**KEMET Part Number: ALS31A682DB063**  
(A431FD682M063A)



Capacitor, aluminum, 6800 uF, +/-20% Tol, -40/+85C, 63V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
D	36	+/-1
L	62	+/-2
S	12.8	+/-0.5
T	7.14	+/-0.5
F	8	+/-0.5
M	5	

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- M5
Mounting Type:	Stud- M8x12

Specifications	
Capacitance:	6800 uF
Tolerance:	+/-20%
Rated Temperature:	85C
Voltage @ rated temp:	63V
VDC Surge:	72.45WVDC
Life @ rated temp:	11000 h
RoHS:	Yes
Low Z/ESR:	Yes
Temperature Range:	-40/+85C
ESR at 100Hz @ room temp:	26 mOhm
ESR at 120Hz @ room temp:	24 mOhm
ESR at 100kHz @ room temp:	16 mOhm
Leakage Current:	2.5704 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	20 mOhm
Impedance @ 100kHz:	19 mOhm
Ripple 100Hz @ rated temp:	8.2 A
Ripple 10kHz @ rated temp:	9 A

Packaging Specifications	
Package Kind:	Bulk

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