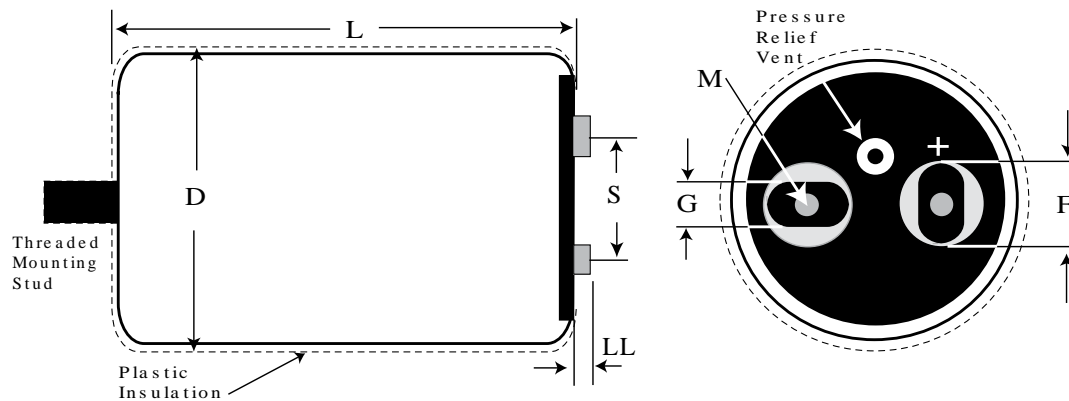


ALS31A682NF250

aka A431TM682M250A

Capacitor, aluminum, 6800 uF, +/-20% Tol, -40/+85C, 250V@85C



Dimensions (mm)

ID	Dimension	Tolerance
D	77	+/-1
L	105	+/-2
S	31.8	+/-0.5
LL	5.5	+/-0.5
F	13	+/-0.5
G	10	nom
M	5	

Specifications

Manufacturer:	KEMET
Capacitance:	6800 uF
Rated Temperature:	85C
Voltage @ rated temp:	250V
VDC Surge:	287.5WVDC
Transient Voltage:	400V
Life @ rated temp:	20000 h
Temperature Range:	-40/+85C
RoHS:	Yes
Low ESR:	Yes
Low Impedance:	Yes
Tolerance:	+/-20%
Part Type Description:	Radial Cylindrical Aluminum Electrolytic
Style:	Computer Grade
Lead Type:	Threaded Inserts with Mounting Stud
Lead Form:	Oval Terminals
Lead Specification:	M5
ESR at 100Hz @ room temp:	29 mOhm
ESR at 120Hz @ room temp:	28 mOhm
ESR at 100kHz @ room temp:	21 mOhm
Leakage Current:	6 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	25 mOhm
Impedance @ 100kHz:	26 mOhm
Ripple 100Hz @ rated temp:	15 A
Ripple 10kHz @ rated temp:	16.5 A
Miscellaneous Electrical:	MountingClip= V11
Package Kind:	Bulk