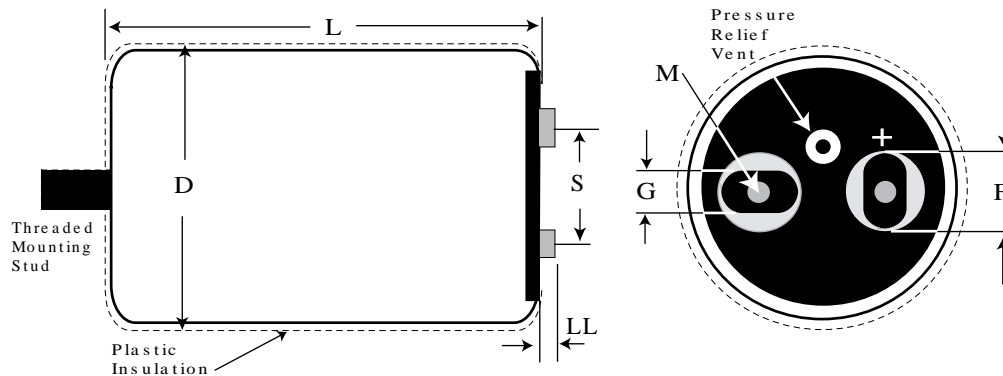


# A451SM222M450A

aka PEH200YT4220MB2

Capacitor, aluminum, 2200 uF, +/-20% Tol, -40/+85C, 450V@85C



## Dimensions (mm)

ID	Dimension	Tolerance
D	76.6	+/-1
L	109.2	+/-1
S	32	+/-0.5
LL	7	+/-0.5
F	15	+/-0.5
G	13	nom
M	5	

## Specifications

Manufacturer:	KEMET
Capacitance:	2200 uF
Rated Temperature:	85C
Voltage @ rated temp:	450V
VDC Surge:	495VVDC
Life @ rated temp:	16800 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 1kHz @ room temp:	16 mOhm
ESR at 100kHz @ room temp:	15 mOhm
Leakage Current:	2.97 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	17 mOhm
Impedance @ 100kHz:	20 mOhm
Ripple 100Hz @ rated temp:	12.1 A
Ripple 120Hz @ rated temp:	12.4 A
Ripple 10kHz @ rated temp:	23.3 A
Ripple 20kHz @ rated temp:	23.3 A
Ripple 10kHz @ alt temp:	35.6 A
Ripple 10kHz alt temp:	40C
Miscellaneous Electrical:	series (ALS30), Ripple10k_50C(2m/s forced air)=35600
Package Kind:	Bulk
Package Quantity:	9