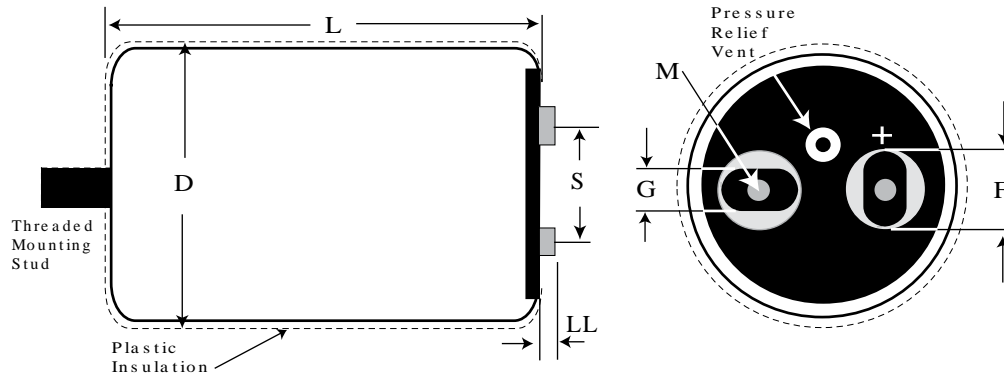


# A451MG152M250A

aka PEH200SH4150MB2

Capacitor, aluminum, 1500 uF, +/-20% Tol, -40/+85C, 250V@85C



## Dimensions (mm)

ID	Dimension	Tolerance
D	51.6	+/-1
L	77.5	+/-1
S	22	+/-0.5
LL	7.9	+/-0.5
F	15	+/-0.5
G	13	nom
M	5	

## Specifications

Manufacturer:	KEMET
Capacitance:	1500 uF
Rated Temperature:	85C
Voltage @ rated temp:	250V
VDC Surge:	287.5VVDC
Life @ rated temp:	10000 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:	78 mOhm
ESR at 120Hz @ room temp:	74 mOhm
ESR at 1kHz @ room temp:	46 mOhm
ESR at 100kHz @ room temp:	42 mOhm
Leakage Current:	1.125 mA
Leakage Condition:	5min/20c
Impedance @ 10kHz:	44 mOhm
Impedance @ 100kHz:	44 mOhm
Ripple 100Hz @ rated temp:	5.9 A
Ripple 120Hz @ rated temp:	6 A
Ripple 10kHz @ rated temp:	12.7 A
Ripple 20kHz @ rated temp:	12.7 A
Ripple 10kHz @ alt temp:	19.5 A
Ripple 10kHz alt temp:	40C
Miscellaneous Electrical:	series (ALS30), Ripple10k_50C(2m/s forced air)=19500
Package Kind:	Bulk
Package Quantity:	20