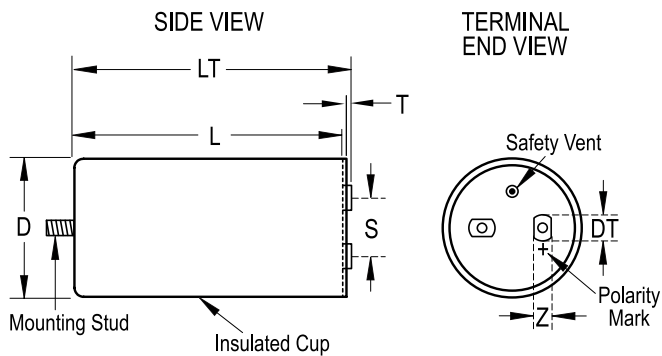


PEH200ZO418HMB2

Aliases (A451QM182M500A)

PEH200, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 500 VDC, -40/+85°C, 28.5 mm



Click [here](#) for the 3D model.

General Information

Series	PEH200
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	415 g
Notes	Dimensions D And L Include Slewing. MS = M12x16.
Shelf Life	156 Weeks

Specifications

Capacitance	1,800 uF
Tolerance	20%
Voltage DC	500 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85C)
ESR	44 mOhms (100Hz 20C), 29 mOhms (100kHz 20C)
Ripple Current	10.6 Amps (100Hz 85C), 40.9 Amps (10kHz 50C), 28.2 Amps (10kHz 40C)
Leakage Current	6700 uA (5min 20°C)
Inductance	16 nH (ESL)

Dimensions

D	66.6mm +/-1mm
L	106mm +/-1mm
T	3.8mm NOM
S	28.5mm
DT	15mm NOM
LT	113mm +/-1mm
Z	13mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag
Packaging Quantity	12

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