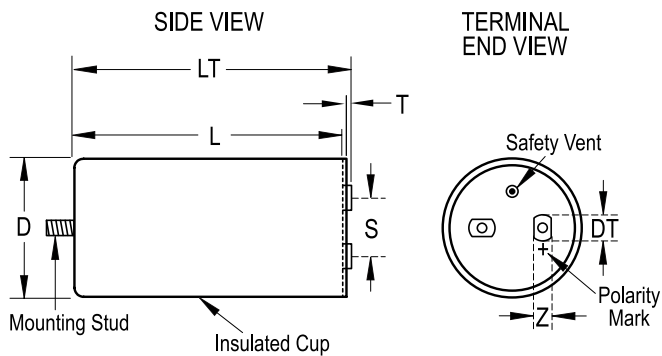


## PEH169PK510VMB2

Aliases (A471MM103M100A)

PEH169, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 100 VDC, -40/+85°C, 22 mm



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

### General Information

Series	PEH169
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	265 g
Notes	Dimensions D And L Include Slewing. M5. MS = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	10,000 uF
Tolerance	20%
Voltage DC	100 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	17000 Hrs (Rated Voltage And Ripple Current At 85C)
ESR	17 mOhms (100Hz 20C), 13 mOhms (100kHz 20C)
Ripple Current	13.9 Amps (100Hz 85C), 38.6 Amps (10kHz 50C), 29.1 Amps (10kHz 40C)
Leakage Current	7000 uA (5min 20°C)
Inductance	16 nH (ESL)

### Dimensions

D	51.6mm +/-1mm
L	103.5mm +/-1mm
T	4.9mm NOM
S	22mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	111.4mm +/-1mm
Z	13mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag
Packaging Quantity	20

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