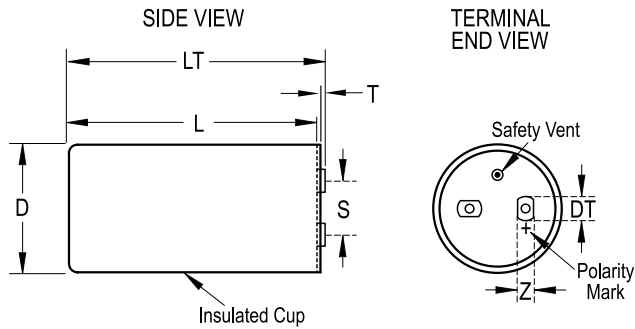


PEH169MH510VMU2

Aliases (A371MG103M063A)

PEH169, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 63 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
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	180 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Specifications

Capacitance	10,000 uF
Tolerance	20%
Voltage DC	63 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	17000 Hrs (Rated Voltage And Ripple Current At 85C)
ESR	14 mOhms (100Hz 20C), 9 mOhms (100kHz 20C)
Ripple Current	13.3 Amps (100Hz 85C), 40.2 Amps (10kHz 50C), 29.3 Amps (10kHz 40C)
Leakage Current	5890 uA (5min 20°C)
Inductance	16 nH (ESL)

Dimensions

D	51.6mm +/-1mm
L	74.5mm +/-1mm
T	4.9mm NOM
S	22mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	82.4mm +/-1mm
Z	13mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag
Packaging Quantity	20

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