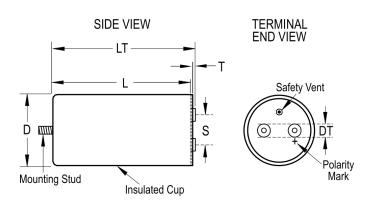


PEH169PA410VMB2

Aliases (A471GC102M100A)

PEH169, Aluminum Electrolytic, 1,000 uF, 20%, 100 VDC, -40/+85°C



General Information	
Series	PEH169
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Mounting	Stud
AEC-Q200	No
Halogen Free	Yes
Component Weight	70 g
Notes	Dimensions D And L Include Sleeving. M5. MS = M8x12.
Shelf Life	156 Weeks

Click here for the 3D model.

Dimensions	
D	36.6mm +/-1mm
L	51.5mm +/-1mm
Т	4.4mm NOM
S	13mm +/-0.5mm
F	8mm +/-0.5mm
DT	8mm NOM
LT	58.9mm +/-1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Bag
Packaging Quantity	42

Capacitance1,000 uFCapacitance Tolerance20%Voltage DC100 VDCTemperature Range-40/+85°CRated Temperature85°CLife14000 Hrs (Rated Voltage And Ripple Current At 85C)Resistance120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C)Ripple Current4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)Leakage Current4300 uA (5min 20°C)	Specifications	
Tolerance Voltage DC 100 VDC Temperature Range -40/+85°C Rated Temperature Life 14000 Hrs (Rated Voltage And Ripple Current At 85C) Resistance 120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)	Capacitance	1,000 uF
Temperature Range -40/+85°C Rated Temperature 85°C Life 14000 Hrs (Rated Voltage And Ripple Current At 85C) Resistance 120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)		20%
Range -40/+85 C Rated Temperature 85°C Life 14000 Hrs (Rated Voltage And Ripple Current At 85C) Resistance 120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)	Voltage DC	100 VDC
Temperature Life 14000 Hrs (Rated Voltage And Ripple Current At 85C) Resistance 120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)		-40/+85°C
At 85C) Resistance 120 mOhms (100Hz 20C), 75 mOhms (100kHz 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)		85°C
Resistance 20C) Ripple Current 4.1 Amps (100Hz 85C), 16.4 Amps (10kHz 50C), 11.1 Amps (10kHz 40C)	Life	
50C), 11.1 Amps (10kHz 40C)	Resistance	, , , , , , , , , , , , , , , , , , , ,
Leakage Current 4300 uA (5min 20°C)	Ripple Current	
	Leakage Current	4300 uA (5min 20°C)
Inductance 12 nH (ESL)	Inductance	12 nH (ESL)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.