

Power Capacitors



Guide for Customer's Specific Requirements

Please Email to terzullig@avx.com

Company / Name / Email	Project / Quantity
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Applications	DC Filtering	Discharge*	Protection*	Tuning
Capacitance (µF)				
Tolerance (%)				
Operating Voltage	Vpeak	Vch	Vpeak Vdc	Vrms
Ripple Voltage (peak to peak)	V			
Working Frequency (Hz)				
Operating Current	Arms	Apeak	Arms	Arms
Maximum Current/Duration	Arms s		Apeak	
Discharge		Aperiodic Oscillatory		
Pulse Duration (5% Ipeak)				
Time to Ipeak (µs)				
Ringing Frequency (Hz)				
Reversal Voltage (%)				
Repetition Rate		shots/min/hour/day	Hz	
Hold Time @ Full Voltage (s)				
Fault Peak Current / nb shots	Apeak shots	Apeak shots		
Fault Reversal Voltage (%)				
Lifetime Expectancy	hours	shots	hours	hours
Maximum Inductance (nH)				
Test Voltage between Terminals (V)				
Test Voltage between Shorted Terminals and Case (V)				
Maximum Surge Voltage (MSV)				
MSV Duration / Frequency	s /year		s /year	

*Due to the particularities of varying waveforms in such application, more information on the exact nature of waveform is generally required for a full analysis.

Description				
Dimensions (mm) / Shape		Operating Position	Terminals	
Section:	Height:	vertical, horizontal inclined, upside down	type	quantity
rectangular, cylindrical				

Thermal Characteristics					
Storage Temperature (°C)		Operating Temperature (°C)		Cooling Method	
min.		min.		Natural Convection	
average		average		Forced Air (m/s)	
max.		max.		Water	

Remarks
