



PULSE CAPACITOR SPECIFICATION

Model Number:

37065

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Q.A.</u>	<u>Method</u>
Capacitance	0.026	uF	100%	120 Hz, 23°C
Tolerance	+ 7 -7	%		
Rated Voltage	45	kV		
Test Voltage	90	kV	100%	60 sec Hipot
Rated Energy	2.63E+01	Joules		
Rated Voltage Reversal	22	%		
Max. Voltage Reversal	45	(Fault) %		
Rated Peak Current	11.8	kA		
Max. Peak Current	22.5	(Fault) kA		
Max. CW RMS Current	50	Amps RMS		
Max. Operating Temp.	65	°C		
Min. Operating Temp.	-30	°C		
Design Life at Rated	1.0E+10	Charge/Discharge cycles		
DC Design Life	5.0E+04	hours		
Reliability at Rated Life	90	% Survival		
Max. Dissipation Factor	0.45	%	100%	120Hz, 23° C
Maximum Inductance	200	nH	SAMPLE	Standing Wave
Min. Insulation Resistance	1000	Mohm-uF	SAMPLE	Decay Vr/23 °C/120s/120s
Case Style	WELDED METAL CAN			
Bushing	1 ea UPRIGHT CERAMIC			
Electrode	1/2-13 UNC-2A			
Case Terminal	4 ea 3/8-16 UNC-2B			
Dimensions	6 x 8 x 16.5	in		
	152 x 203 x 419	mm		
Approximate Weight	40.00	lbs		
	18.18	kg		

Notes

Leak Test: 100% Test and Inspection

IMPREGNANT: PXE (non-PCB)

Case is painted Flat Black. All electrical contacts are free of paint.