

Capacitor Test Data

#	Rated ESR 1 kHz	Rated ESR DC	ESR 1 100 kHz	ESR 2 1 kHz	ESR 3 DC	Marked Value	Time Value	Power Value	Rated Leakage 72 Hr	Measured Leakage 12 Hr
1	8 mΩ	10 mΩ	21 mΩ	24 mΩ	29 mΩ	100 F	82 F	75 F	0.27mA	4 mA
2						500 F				120 mA
3	8 mΩ	10 mΩ	15 mΩ	17 mΩ	20 mΩ	100 F	76 F	60 F	0.27mA	3 mA
4	8 mΩ	10 mΩ	1.63 Ω	2.48 Ω		100 F			0.27mA	
5	8 mΩ	10 mΩ	722 mΩ	906mΩ		100 F			0.27mA	
6	8 mΩ	10 mΩ	14 mΩ	21 mΩ		100 F	81 F	72 F	0.27mA	2.5 mA
7	8 mΩ	10 mΩ	open	open		100 F			0.27mA	
8		3.2mΩ	4 mΩ	3.9 mΩ	< 5	400 F	390 F	407 F	0.85mA	< 1mA
9		3.2mΩ	6 mΩ	3.8 mΩ	< 5	400F	402 F	411 F	0.85mA	< 1mA
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Notes

Cap # 2 testing stopped due to very high leakage

Cap # 4 & 5 testing stopped due to very high ESR

Cap # 7 not tested due to being open circuit.

Capacitors 1-7 Samwha Brand with + - 20% tolerance obtained through eBay (China supplier)

Capacitor 8 & 9 Eaton Brand + 10% - 5 % tolerance obtained from DigiKey