



Reliability Data

Snap-In Aluminum Electrolytic Capacitors

LXM series

Test:

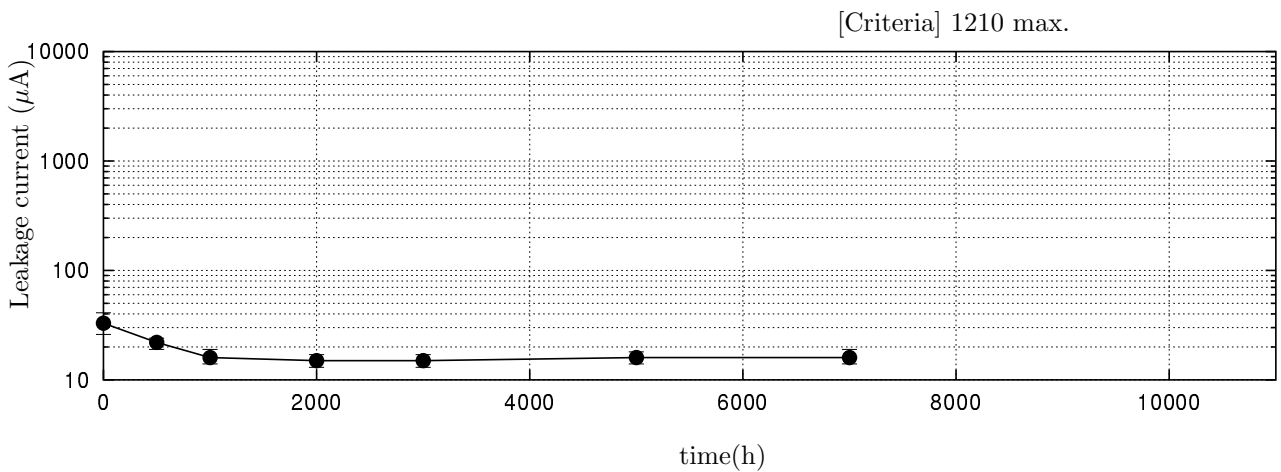
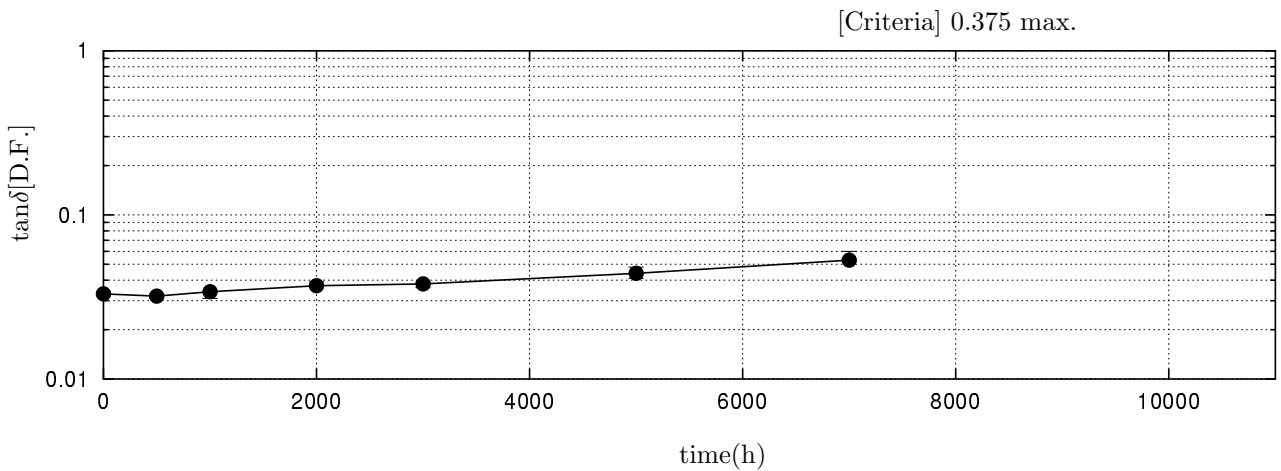
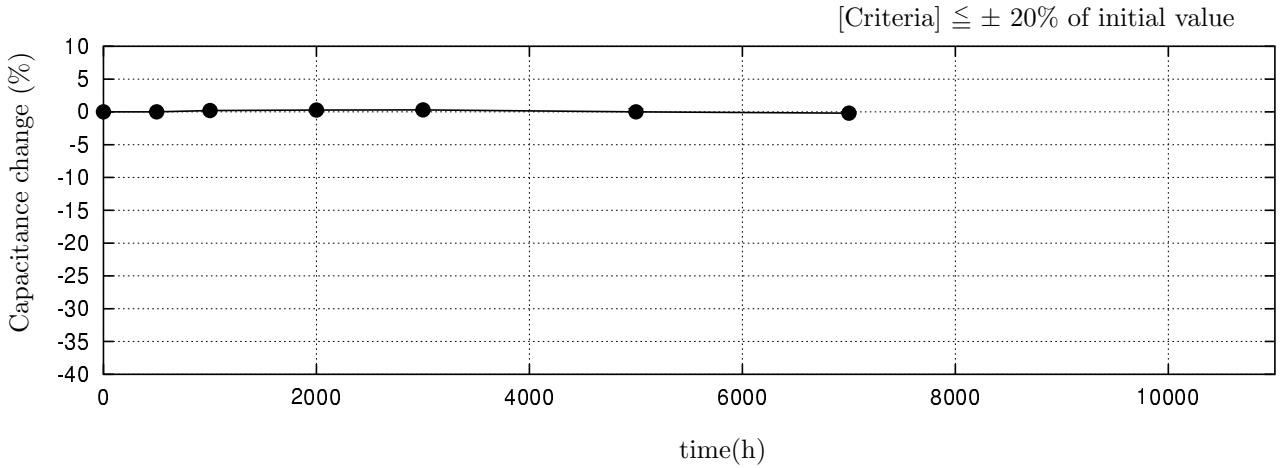
Endurance
Shelf life
Temperature Characteristics
Frequency Characteristics

Item:

ELXM201VSN821MR35S (200V820 μ F, ϕ 30 \times 35L)
ELXM401VSN221MQ40S (400V220 μ F, ϕ 25.4 \times 40L)
ELXM451VSN151MQ40S (450V150 μ F, ϕ 25.4 \times 40L)

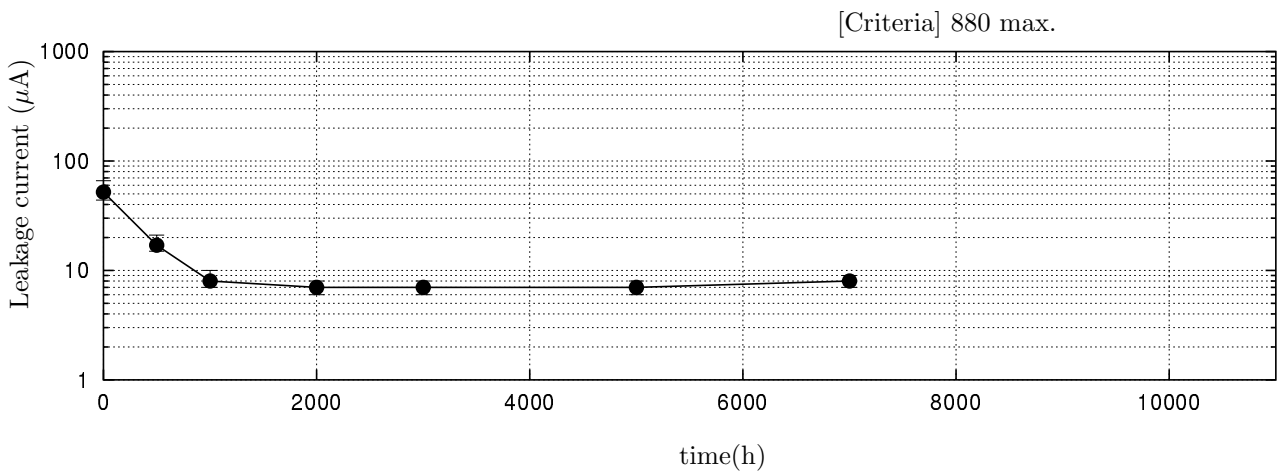
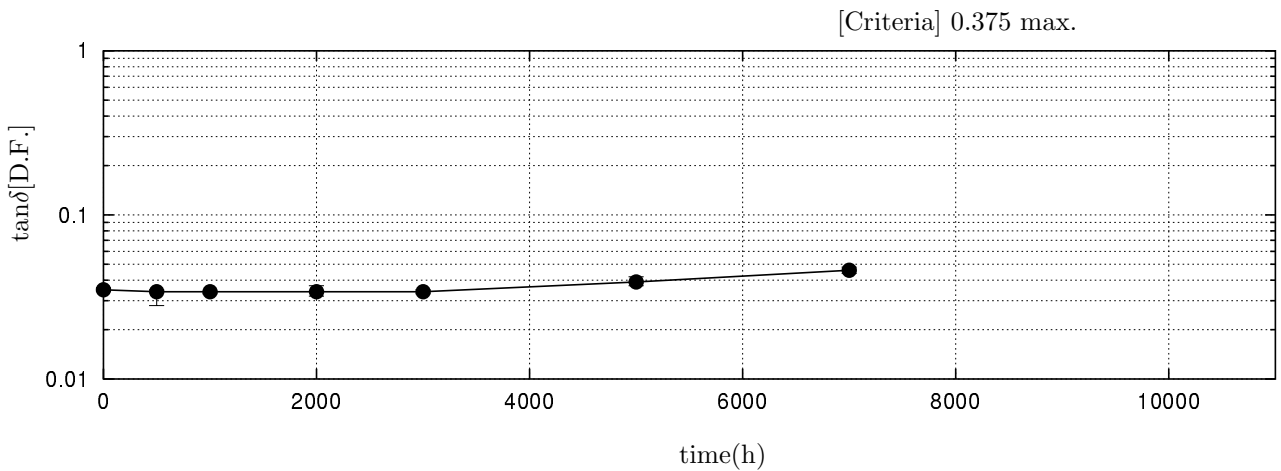
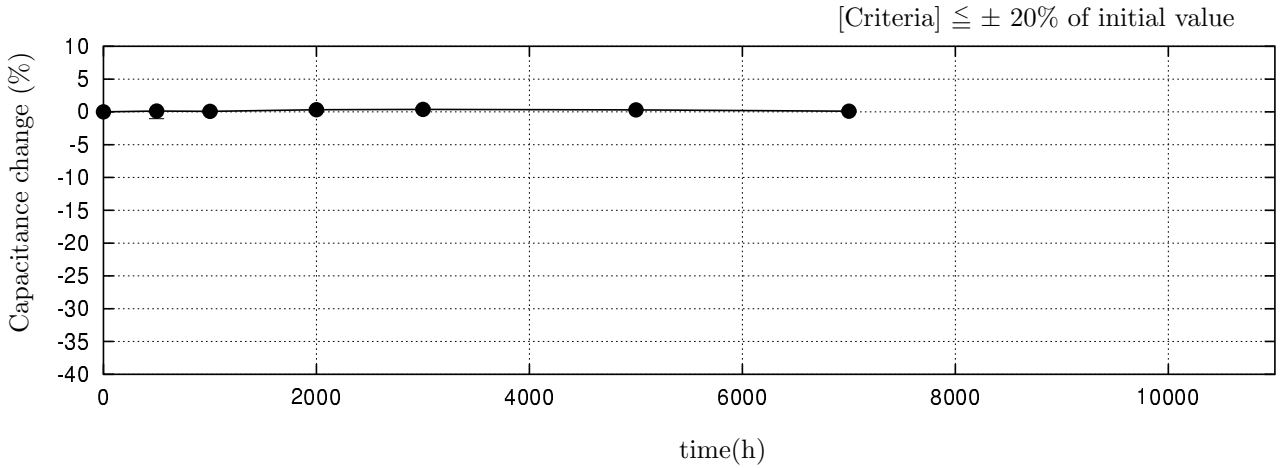
Aluminum Electrolytic Capacitor Reliability data

Test name		Endurance					
Test temp.	105 (°C)	Leakage Current (Volt)	200 (V)	Measurement LCR meter	4284A		
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)		
Ripple Current	2.04 (Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)		
Ripple freq.	120 (Hz)					Specified Period of Time	7000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)		
●	ELXM201VSN821MR35S	200	820	φ 30×35 L	6		



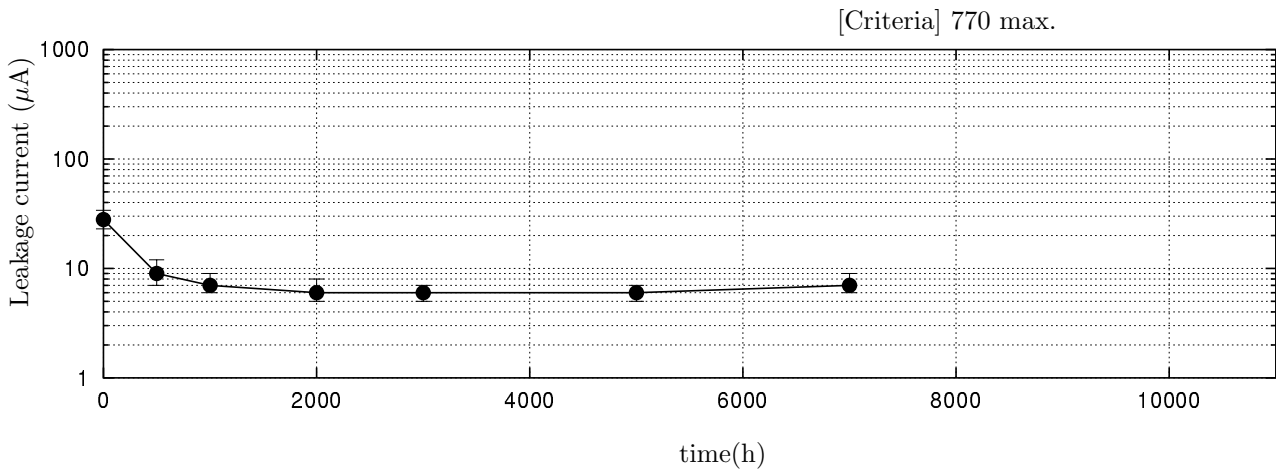
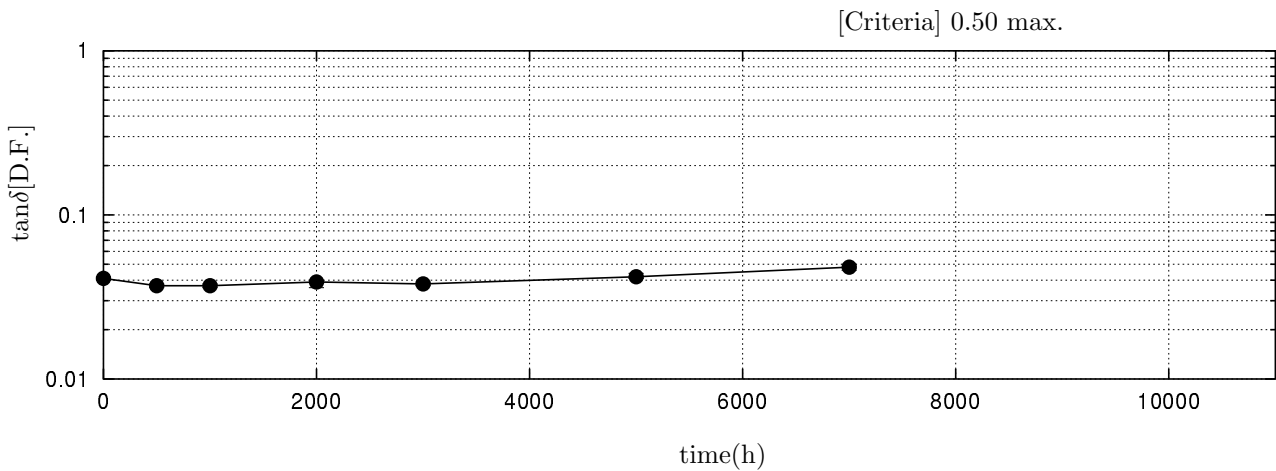
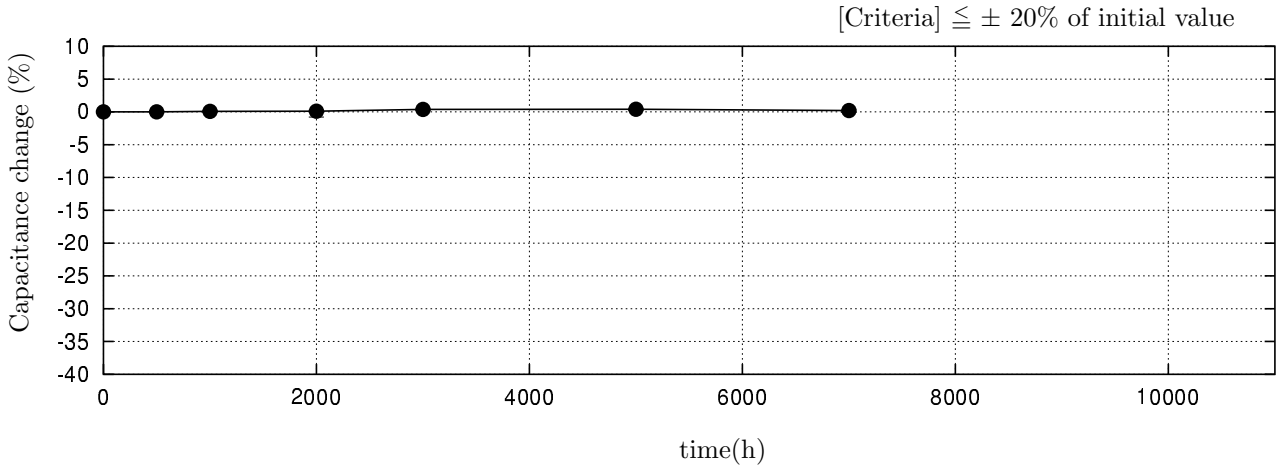
Aluminum Electrolytic Capacitor Reliability data

Test name		Endurance			
Test temp.	105 (°C)	Leakage Current (Volt)	400 (V)	Measurement LCR meter	4284A
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)
Ripple Current	1.14 (Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)
Ripple freq.	120 (Hz)			Specified Period of Time	7000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM401VSN221MQ40S	400	220	φ 25.4×40 L	6



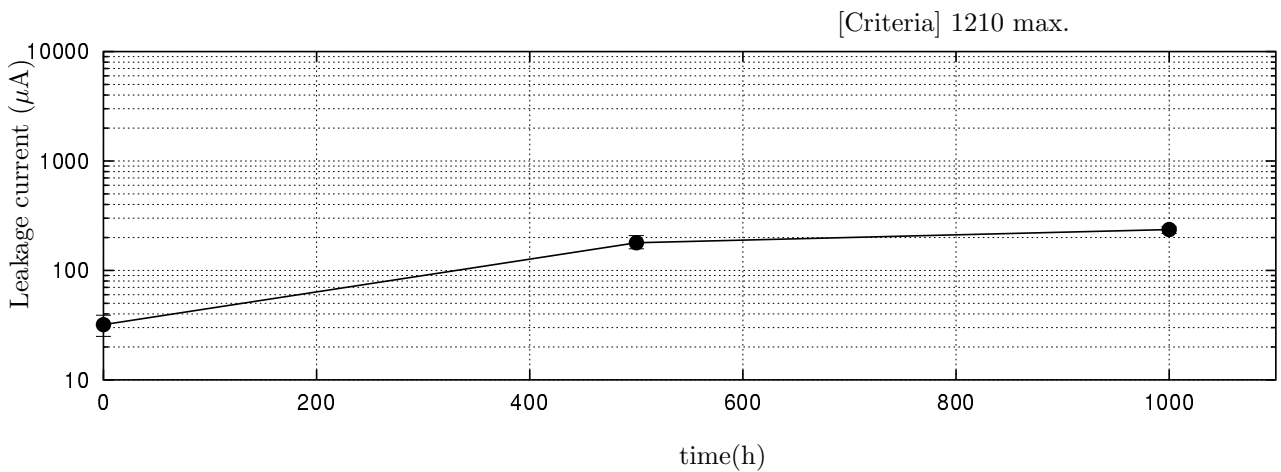
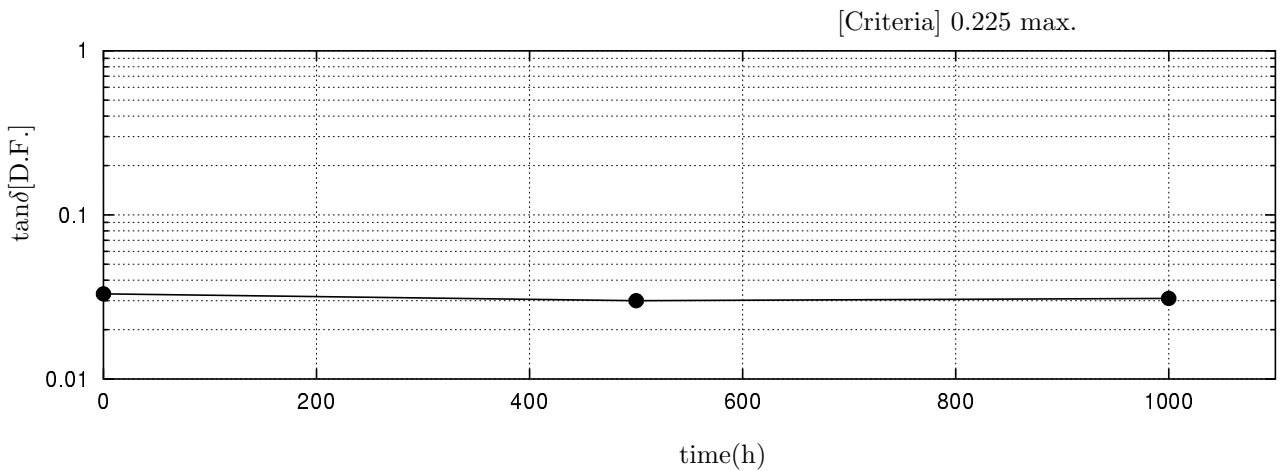
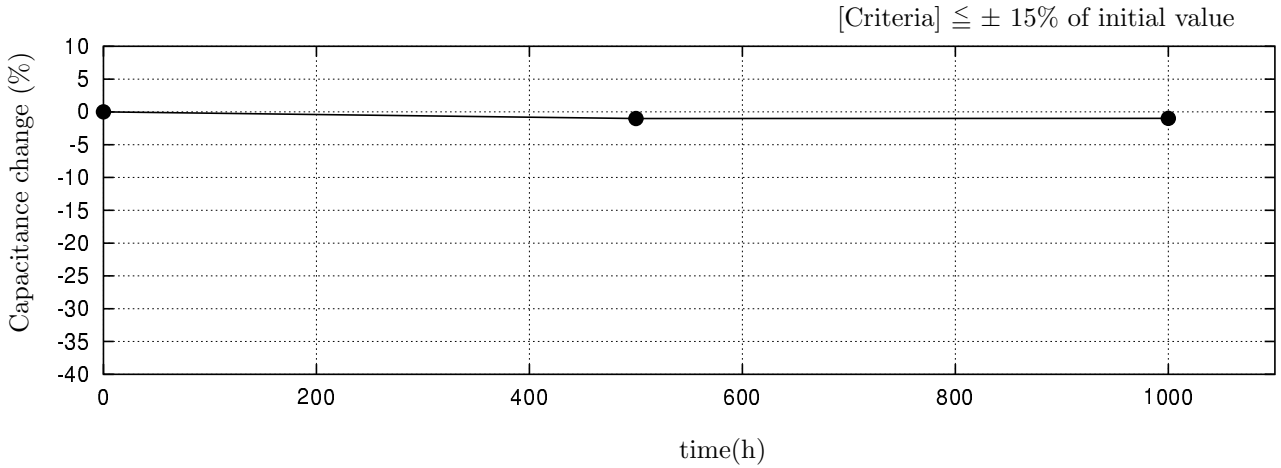
Aluminum Electrolytic Capacitor Reliability data

Test name		Endurance			
Test temp.	105 (°C)	Leakage Current (Volt)	450 (V)	Measurement LCR meter	4284A
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)
Ripple Current	0.94 (Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)
Ripple freq.	120 (Hz)			Specified Period of Time	7000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM451VSN151MQ40S	450	150	φ 25.4×40 L	6



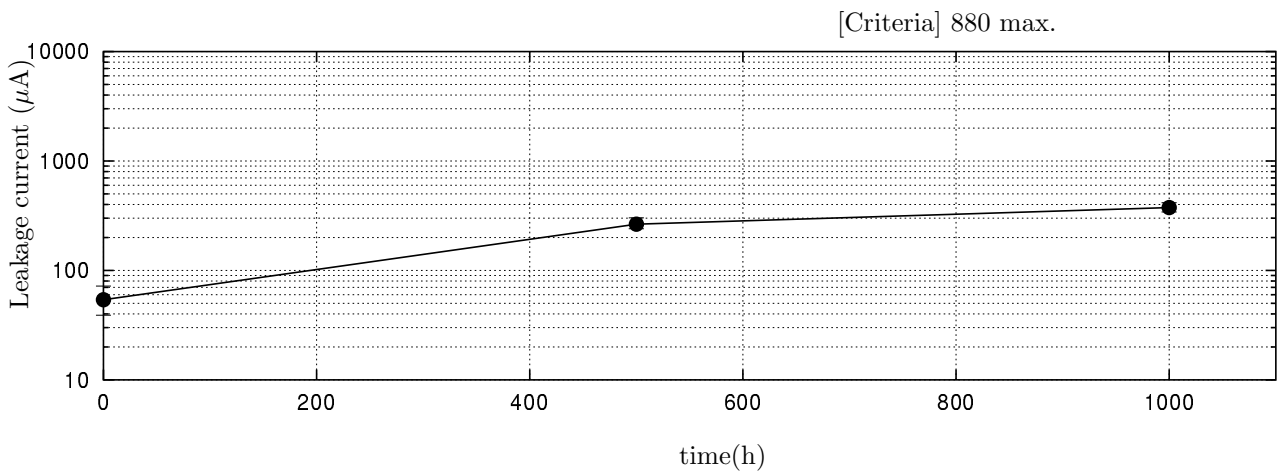
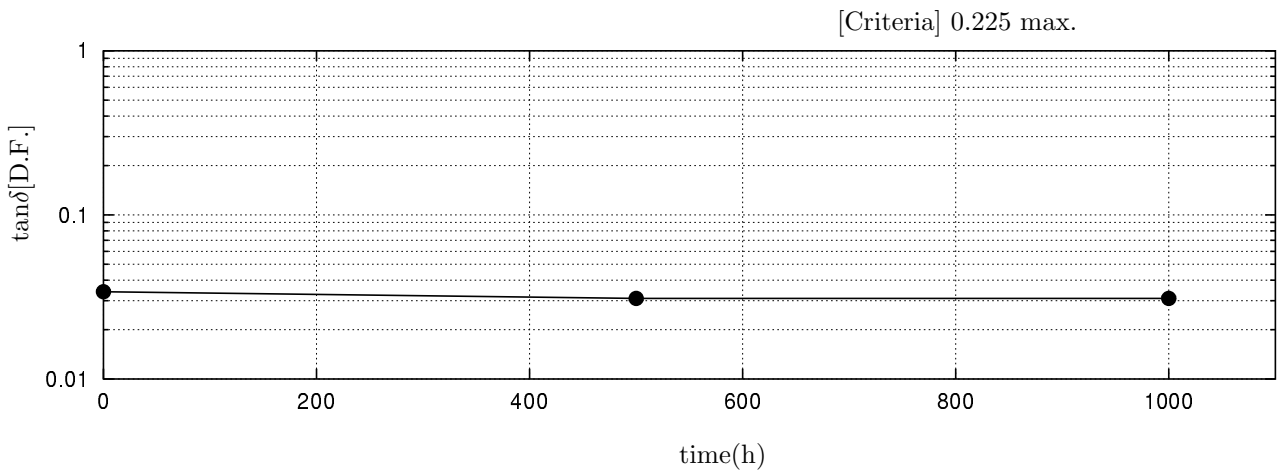
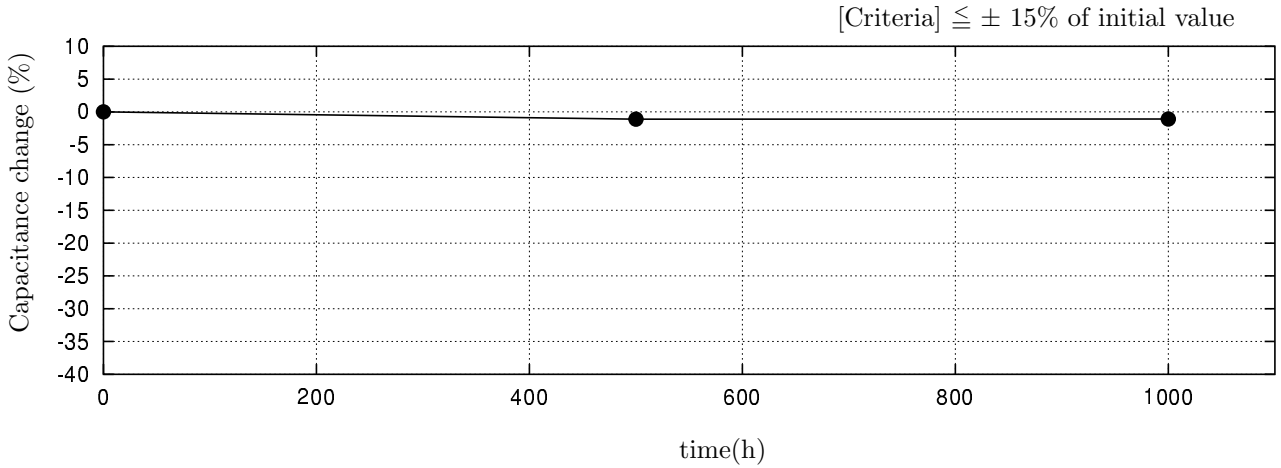
Aluminum Electrolytic Capacitor Reliability data

Test name		Shelf life			
Test temp.	105 (°C)	Leakage Current (Volt)	200 (V)	Measurement LCR meter	4284A
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)
Ripple Current	(Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)
Ripple freq.	(Hz)			Specified Period of Time	1000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM201VSN821MR35S	200	820	φ 30×35 L	10



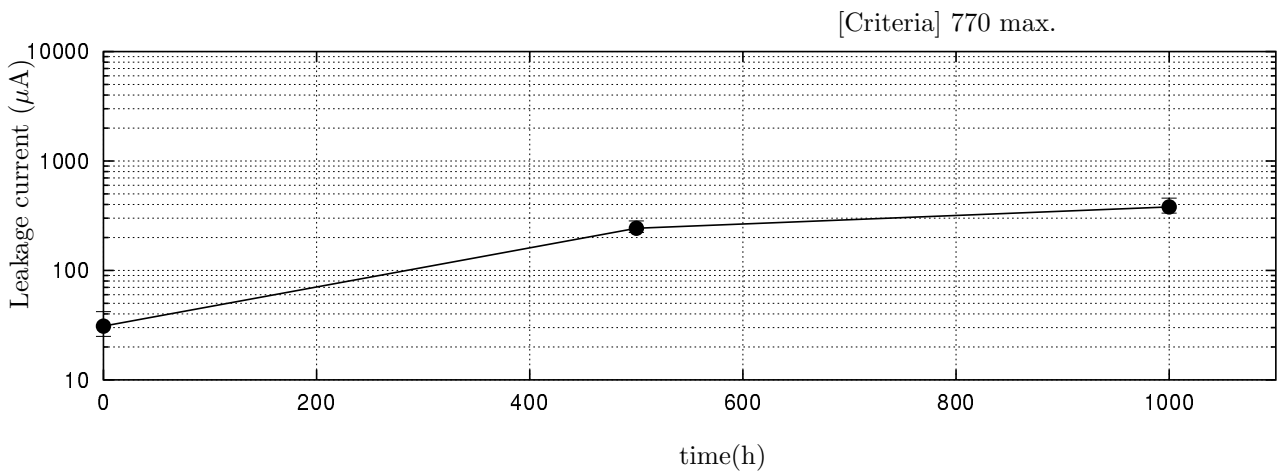
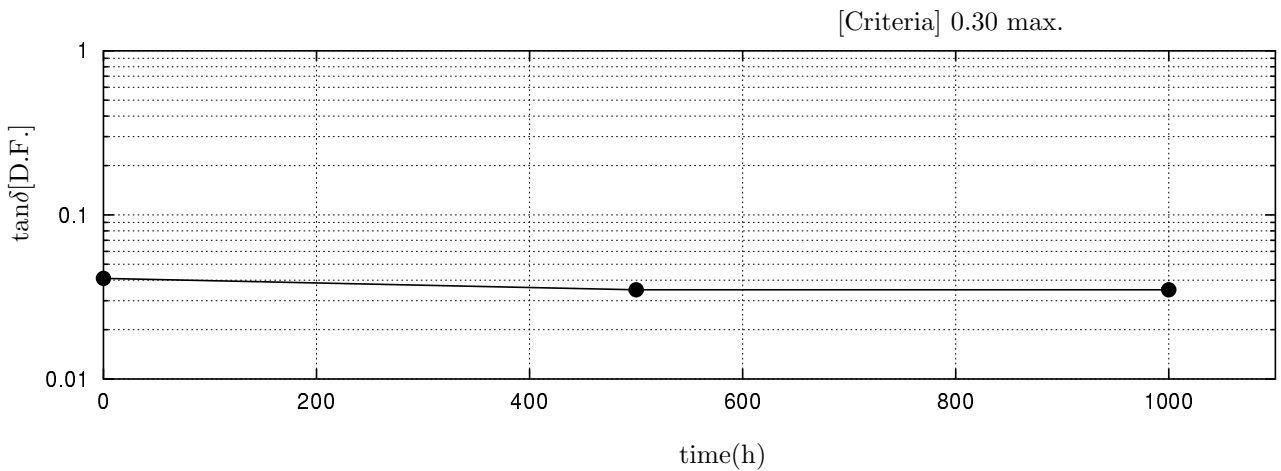
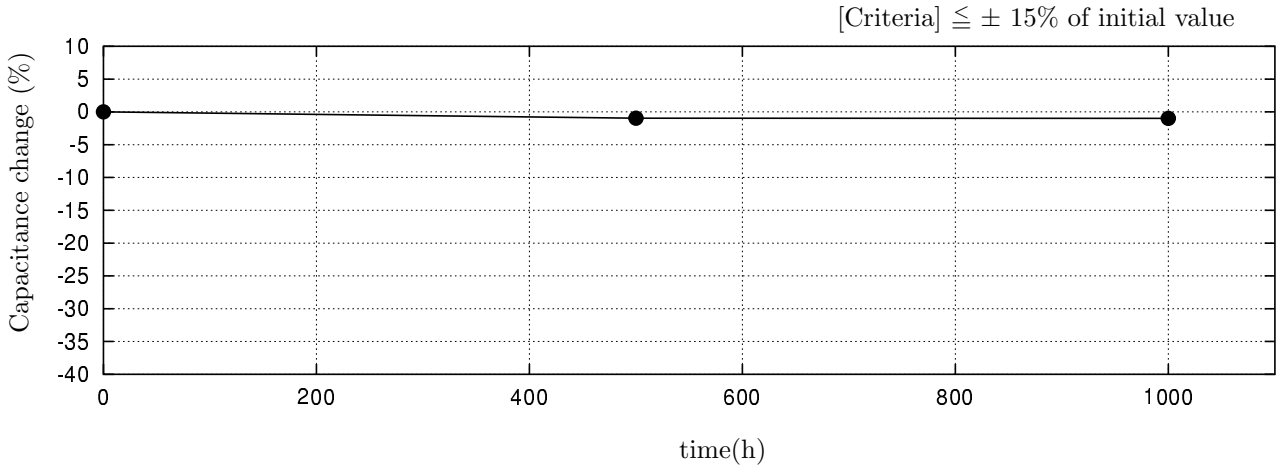
Aluminum Electrolytic Capacitor Reliability data

Test name		Shelf life			
Test temp.	105 (°C)	Leakage Current (Volt)	400 (V)	Measurement LCR meter	4284A
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)
Ripple Current	(Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)
Ripple freq.	(Hz)			Specified Period of Time	1000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM401VSN221MQ40S	400	220	φ 25.4×40 L	10



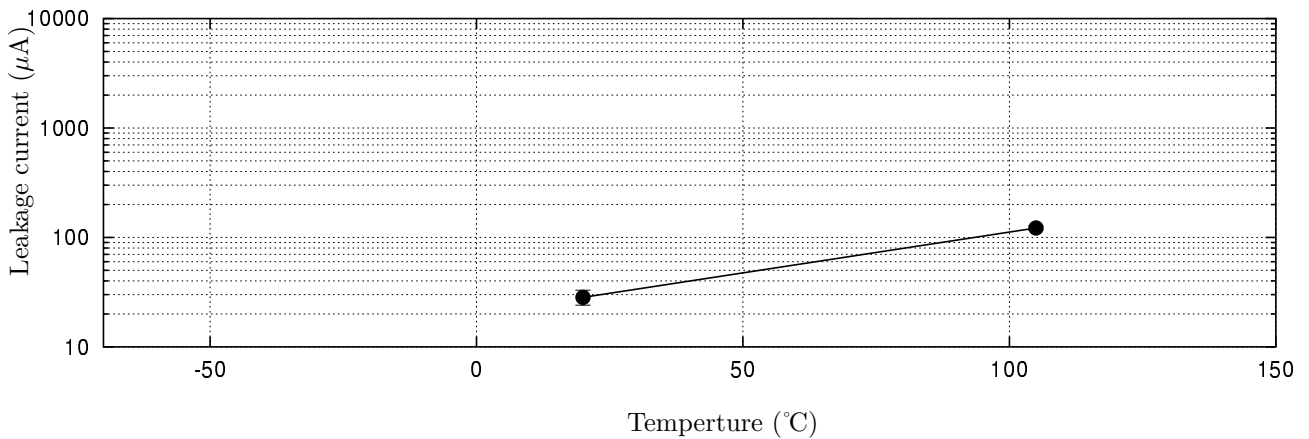
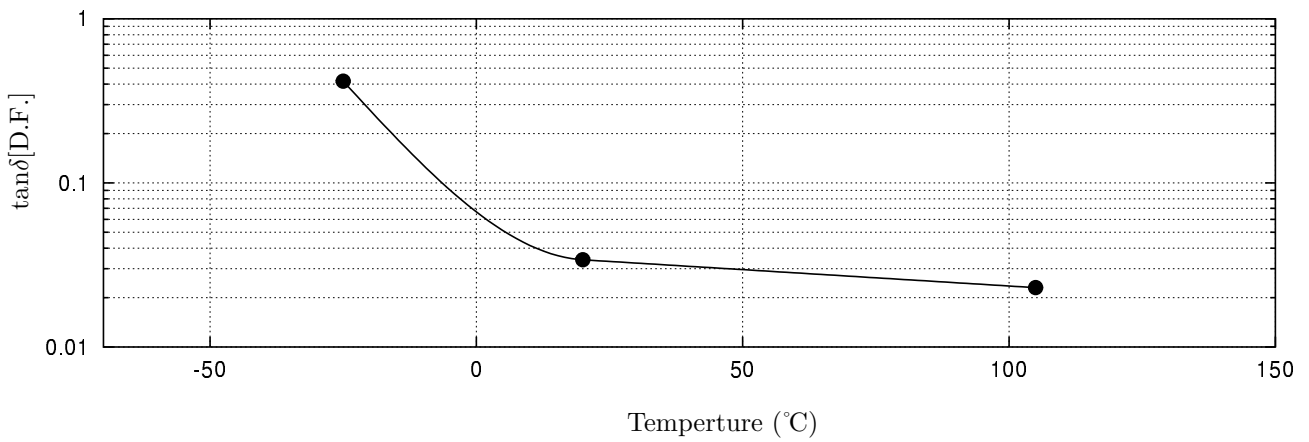
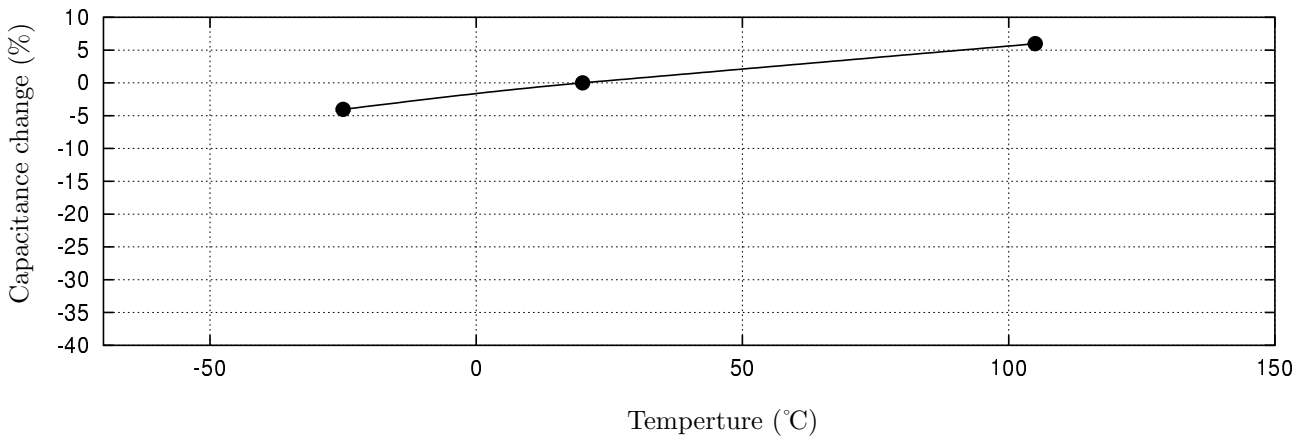
Aluminum Electrolytic Capacitor Reliability data

Test name		Shelf life			
Test temp.	105 (°C)	Leakage Current (Volt)	450 (V)	Measurement LCR meter	4284A
Applied Voltage	(V)	Leakage Current (Time)	5 (min)	Measurement Freq.	120 (Hz)
Ripple Current	(Arms)	Leakage Current (Temp.)	20 (°C)	Measurement Temp.	20 (°C)
Ripple freq.	(Hz)			Specified Period of Time	1000 (h)
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM451VSN151MQ40S	450	150	φ 25.4×40 L	10



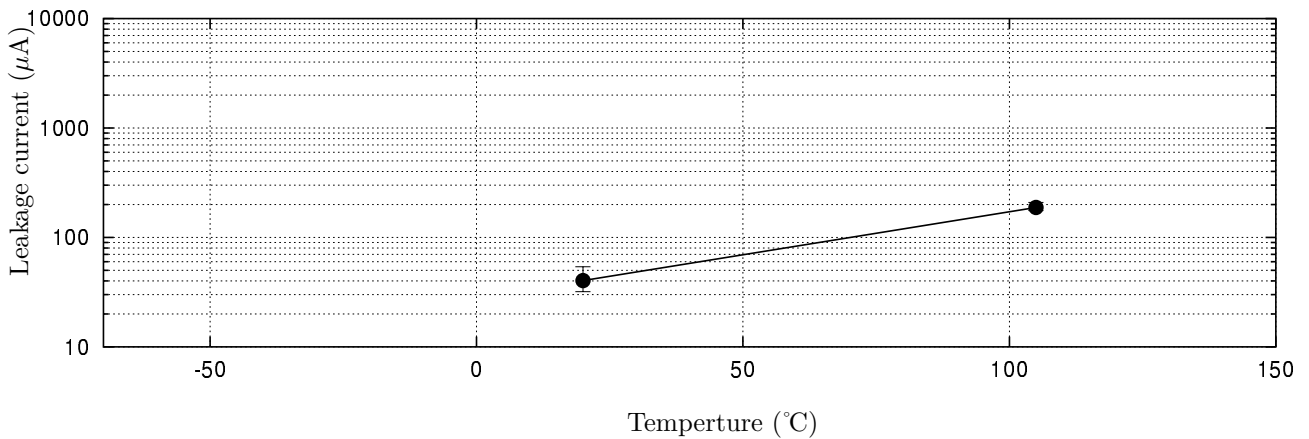
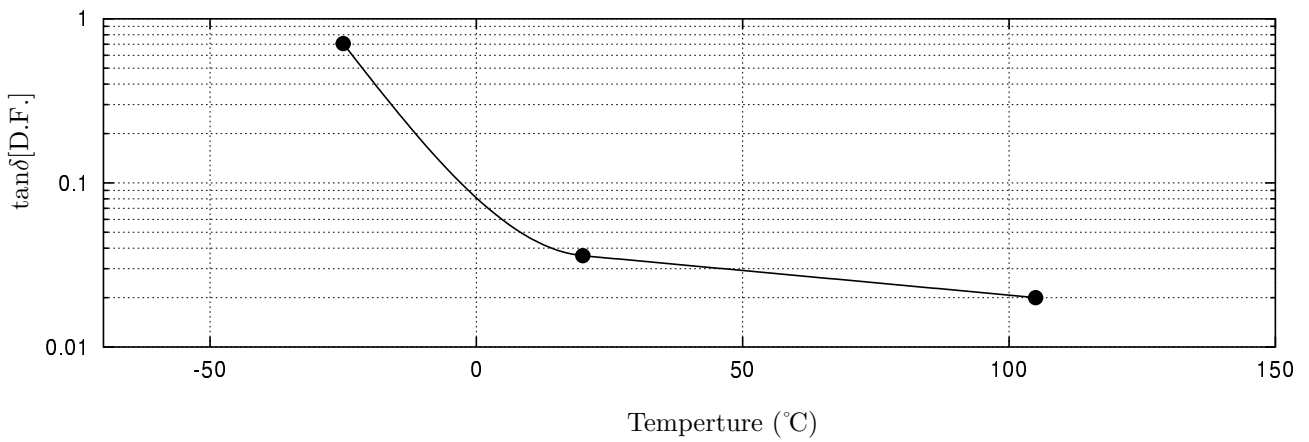
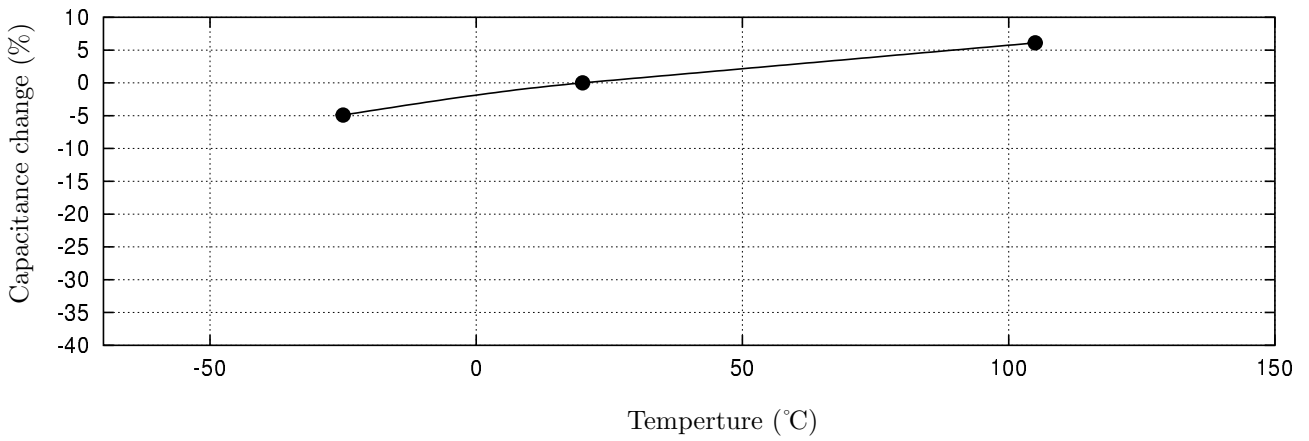
Aluminum Electrolytic Capacitor Reliability data

Test name					
Temperature Characteristics					
Test temp. -25 ~ 105 (°C)		Leakage Current (Volt) 200 (V)	Measurement LCR meter 4284A		
		Leakage Current (Time) 5 (min)	Measurement Freq. 120 (Hz)		
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM201VSN821MR35S	200	820	φ 30×35 L	3



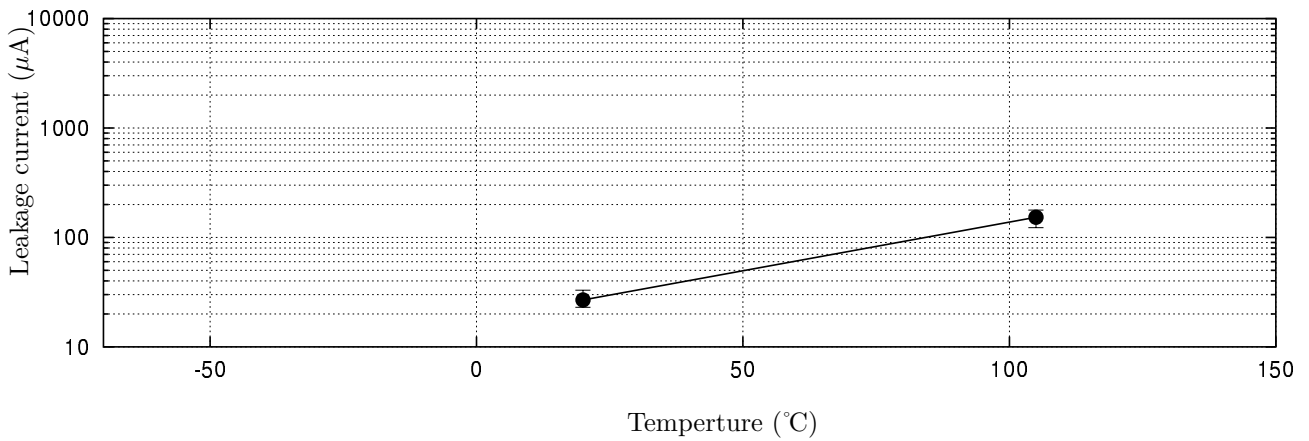
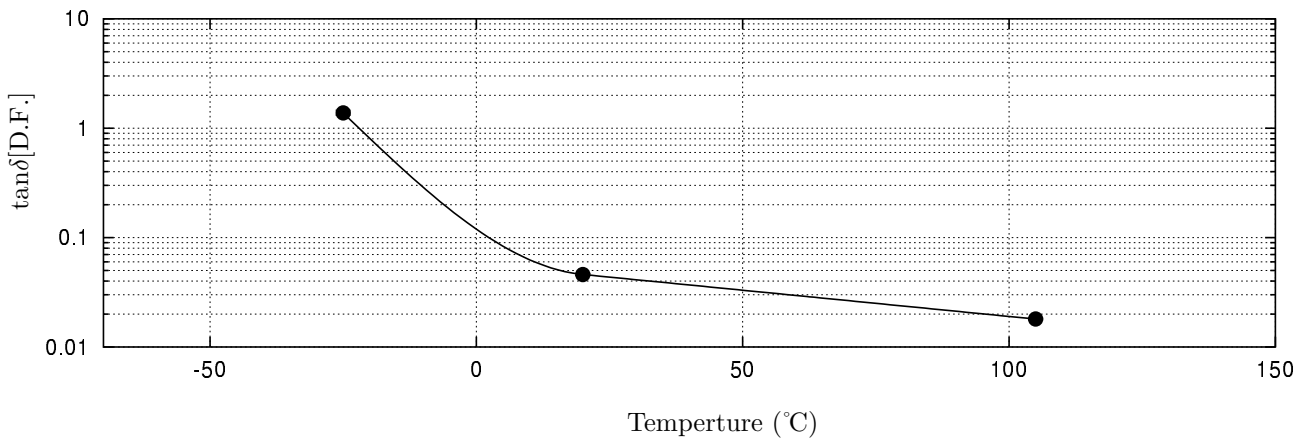
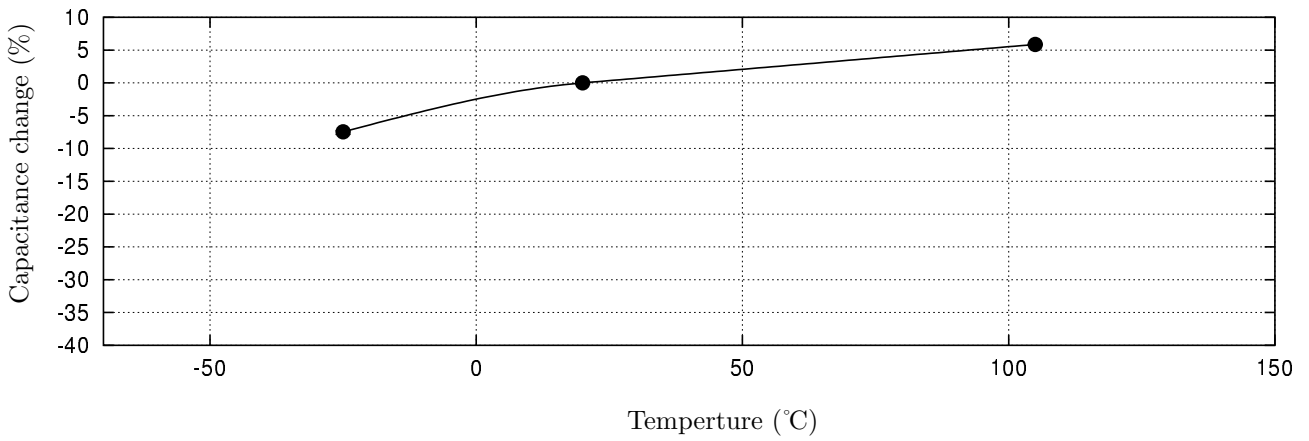
Aluminum Electrolytic Capacitor Reliability data

Test name					
Temperature Characteristics					
Test temp. -25 ~ 105 (°C)		Leakage Current (Volt) 400 (V)	Measurement LCR meter 4284A		
		Leakage Current (Time) 5 (min)	Measurement Freq. 120 (Hz)		
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM401VSN221MQ40S	400	220	φ 25.4×40 L	3



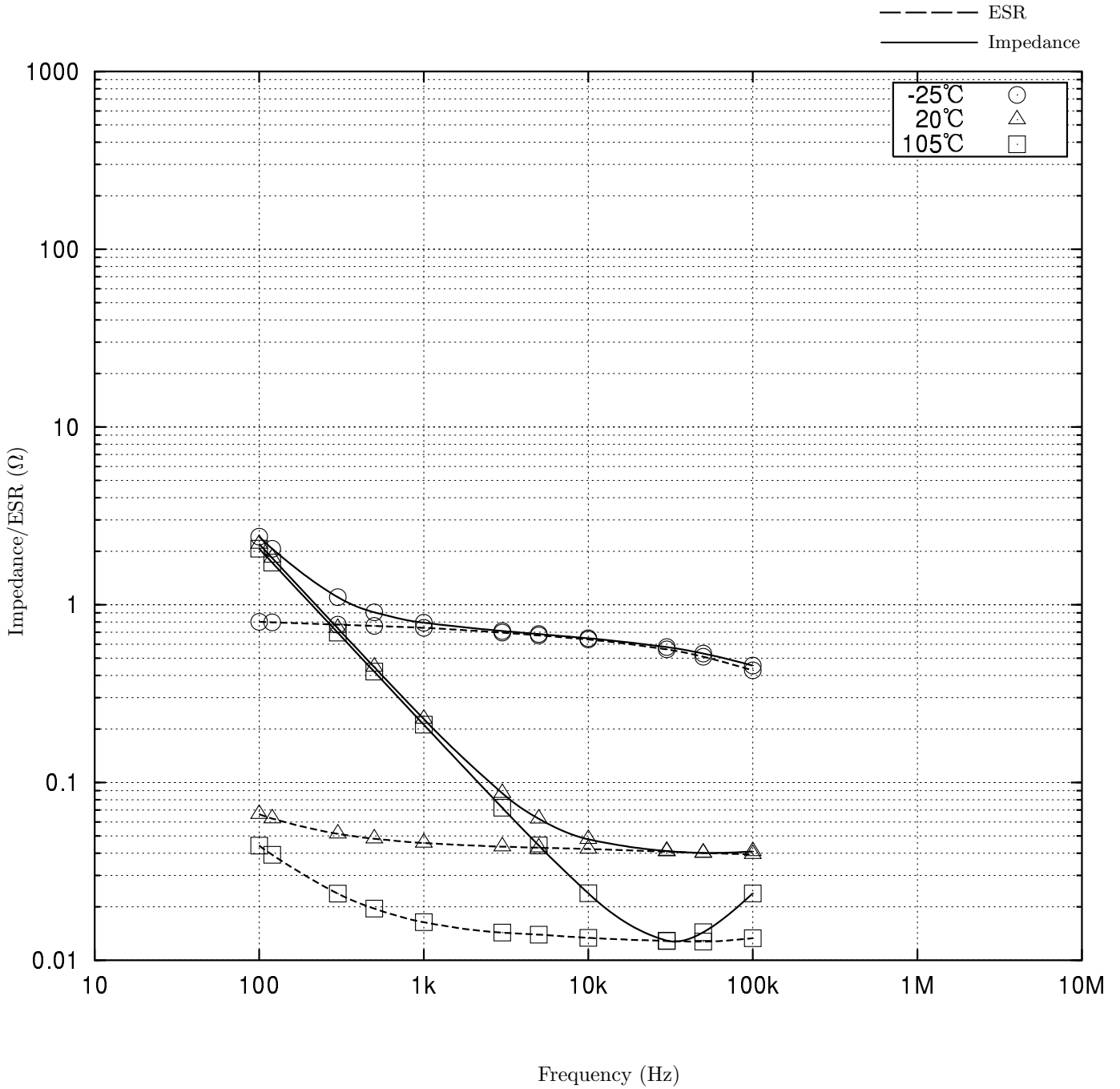
Aluminum Electrolytic Capacitor Reliability data

Test name					
Temperature Characteristics					
Test temp. -25 ~ 105 (°C)		Leakage Current (Volt) 450 (V)	Measurement LCR meter 4284A		
		Leakage Current (Time) 5 (min)	Measurement Freq. 120 (Hz)		
Mark	Part No.	Rated Voltage(V)	Nominal Capacitance(μF)	Case Size(φ × L)mm	Tested qty(pcs)
●	ELXM451VSN151MQ40S	450	150	φ 25.4×40 L	3



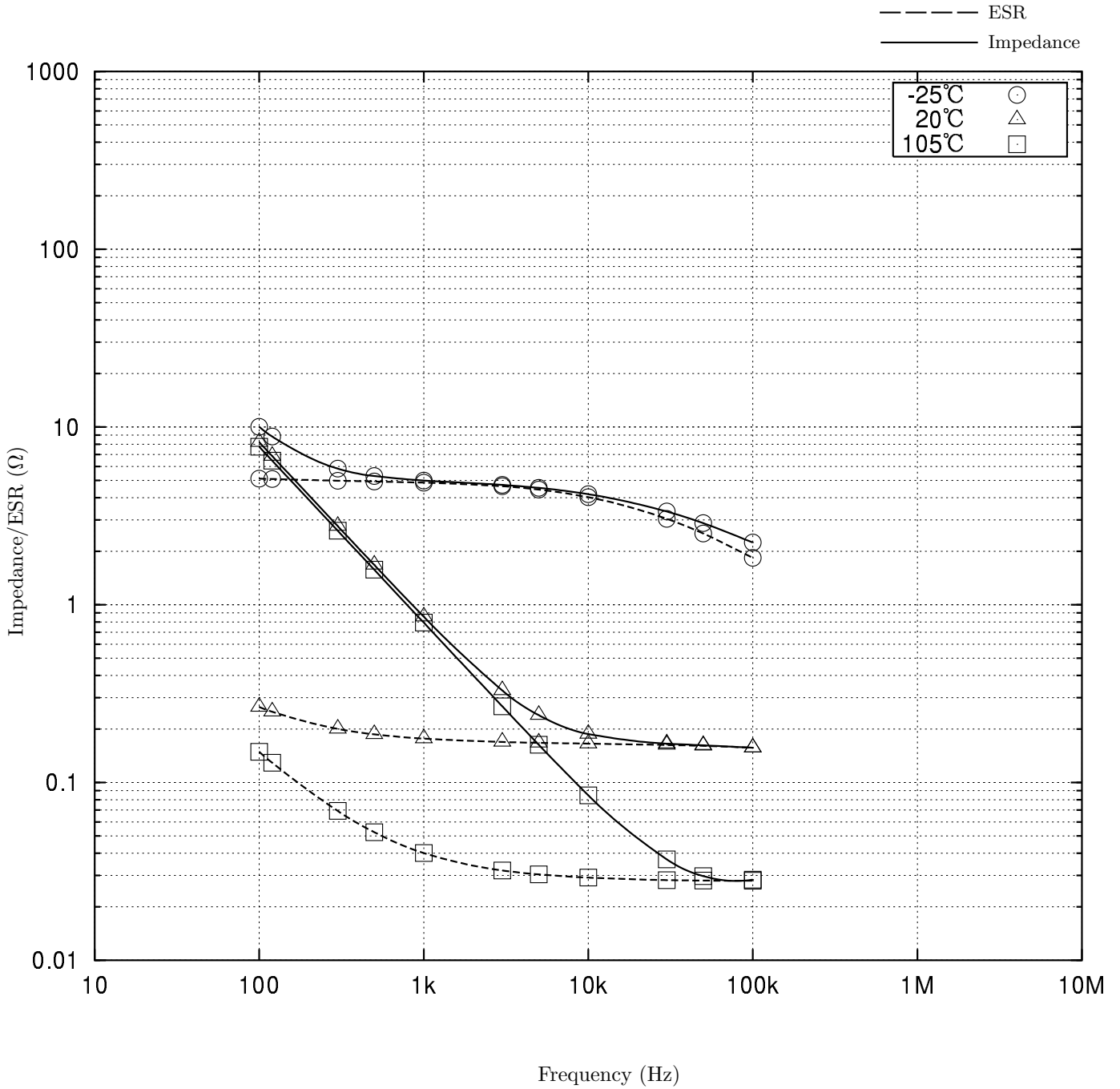
Aluminum Electrolytic Capacitor Reliability data

Test name					Frequency-Impedance/ESR Characteristics				
Test temp.					-25 ~ 105 (°C) Measurement LCR meter 4284A				
Part No.		Rated Voltage(V)		Nominal Capacitance(μF)		Case Size(φ × L)mm		Tested qty(pcs)	
ELXM201VSN821MR35S		200		820		φ 30×35 L		3	



Aluminum Electrolytic Capacitor Reliability data

Test name					Frequency-Impedance/ESR Characteristics				
Test temp.					-25 ~ 105 (°C) Measurement LCR meter 4284A				
Part No.		Rated Voltage(V)		Nominal Capacitance(μF)		Case Size(φ × L)mm		Tested qty(pcs)	
ELXM401VSN221MQ40S		400		220		φ 25.4×40 L		3	



Aluminum Electrolytic Capacitor Reliability data

Test name					Frequency-Impedance/ESR Characteristics				
Test temp.					-25 ~ 105 (°C) Measurement LCR meter 4284A				
Part No.		Rated Voltage(V)		Nominal Capacitance(μF)		Case Size(φ × L)mm		Tested qty(pcs)	
ELXM451VSN151MQ40S		450		150		φ 25.4×40 L		3	

