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LOAD LIFE – ENDURANCE TEST REPORT

PRODUCTS: LIQUID ELECTROLYTE ALUMINUM ELECTROLYTIC CAPACITORS

DATE: June 2004

TYPE: +85°C Rated SMT V-Chip Aluminum Electrolytic Capacitors

TESTS:

- 2000 hour Load-Life Endurance Testing
- 2000 hour Shelf Life Testing

Page 2 – NACE471M16V8X10.5TR13 / 470uF, 16VDC, 8X10.5

Page 3 – NACE331M25V8X10.5TR13 / 330uF, 25VDC, 8X10.5

Page 4 – NACE221M35V8X10.5TR13 / 220uF, 35VDC, 8X10.5

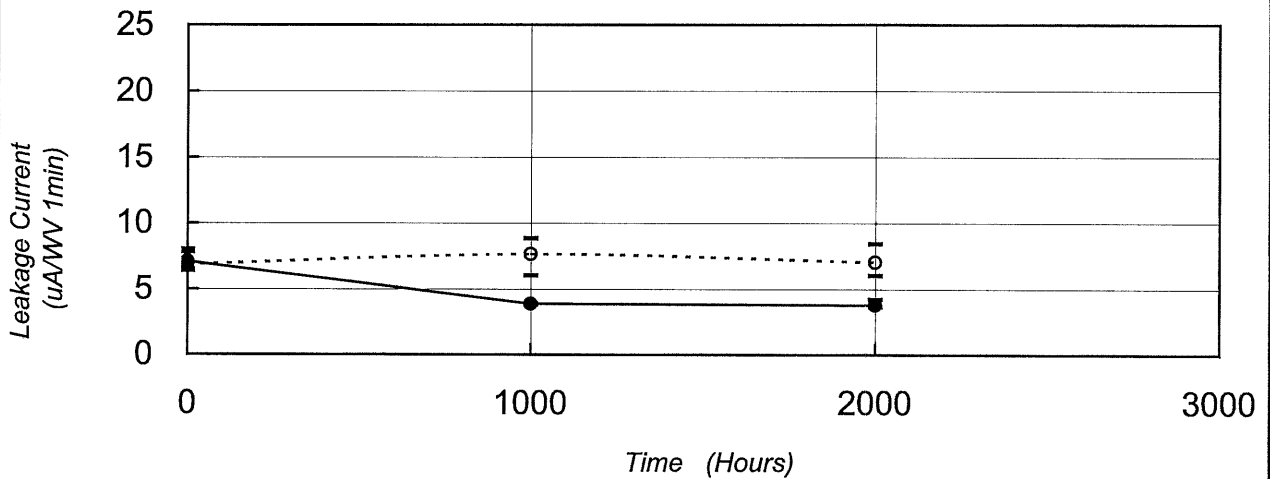
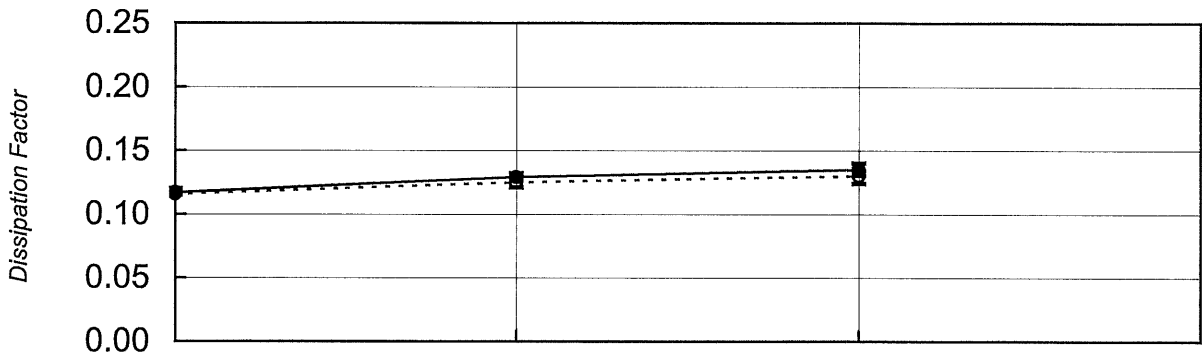
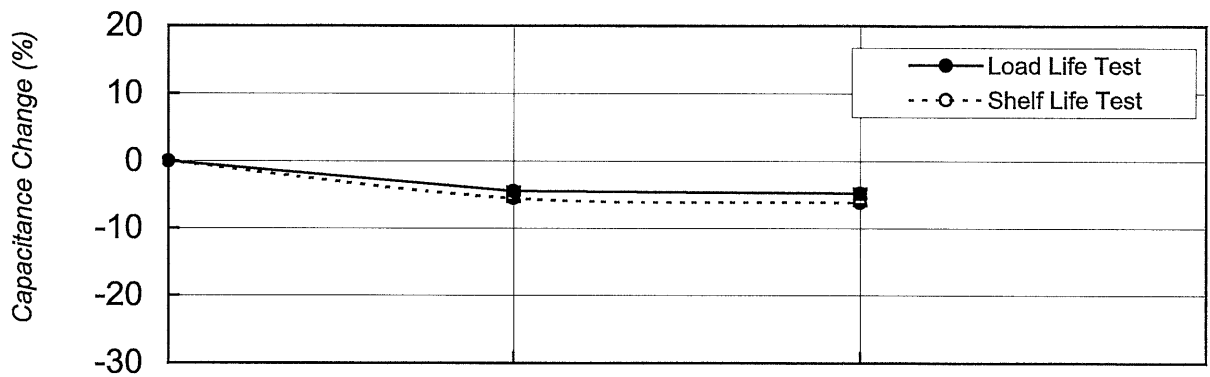
Page 5 – NACE101M50V8X10.5TR13 / 100uF, 50VDC, 8X10.5

WHEN OPERATING AT TEMPERATURES LESS THAN THE RATED MAXIMUM, USE THE BELOW TABLE IN ESTIMATION OF LOAD LIFE - ENDURANCE PERFORMANCE (HOURS) OF LIQUID ELECTROLYTE ALUM ELECTROLYTIC CAPACITORS

					RATING (hours)	
+35C	+45C	+55C	+65C	+75C	+85C	
64,000	32,000	16,000	8,000	4,000	2,000	

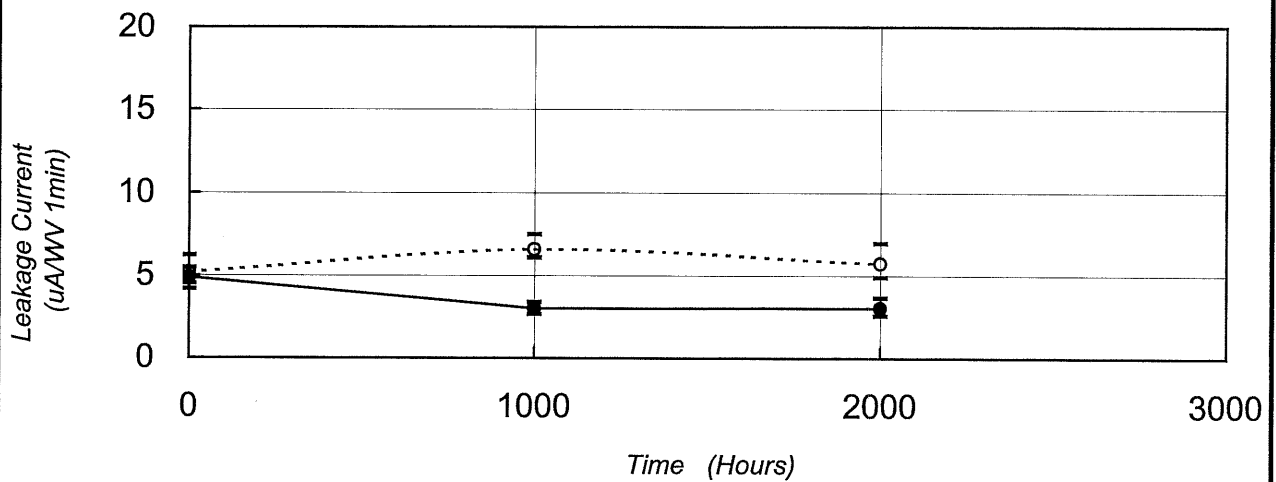
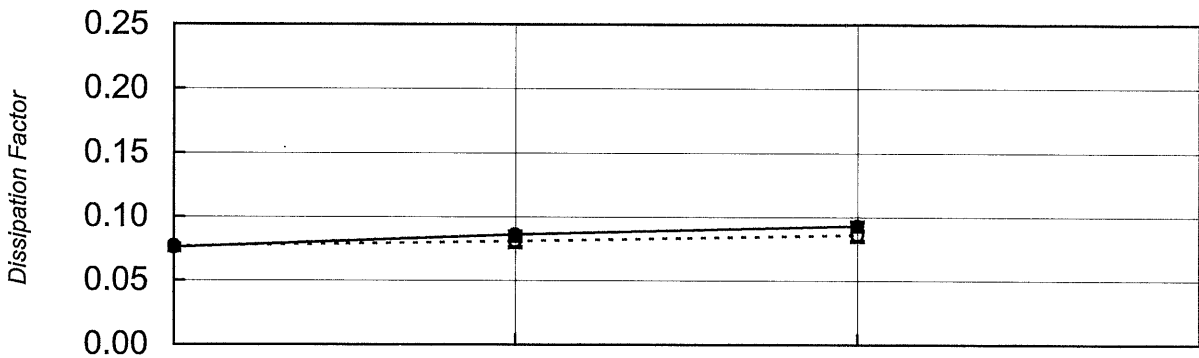
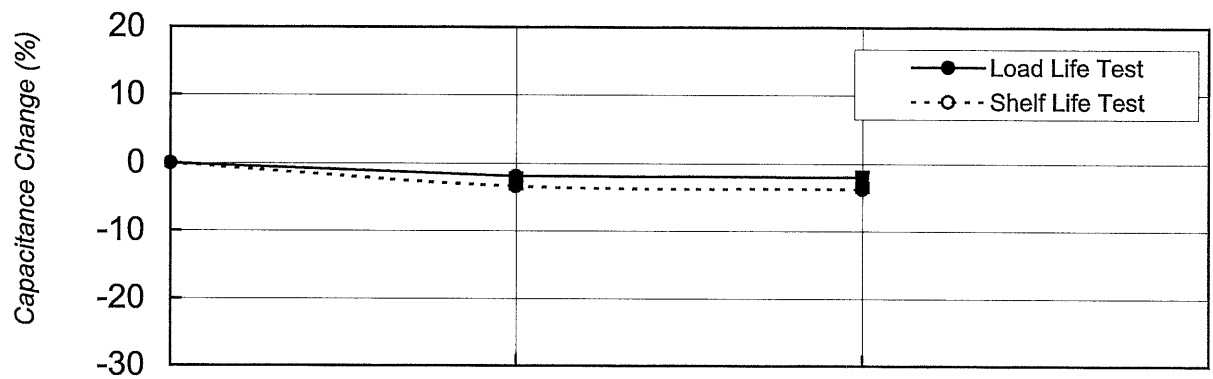
THE TEST RESULT

PROJECT	Load Life Test / Shelf Life Test	
SAMPLE :	NACE471M16V8X10.5TR13	
TESTING METHODS:	APPARATUS:	
Load Life: The capacitor under test shall be applied the rated voltage continuously at 85deg.C.	YHP MODEL 4274ALCRMETER (at 120 Hz)	
Shelf Life: The capacitor under test shall be let alone at 85deg.C without loading.		
NOTE :	each n = 10 pcs	DATA No.



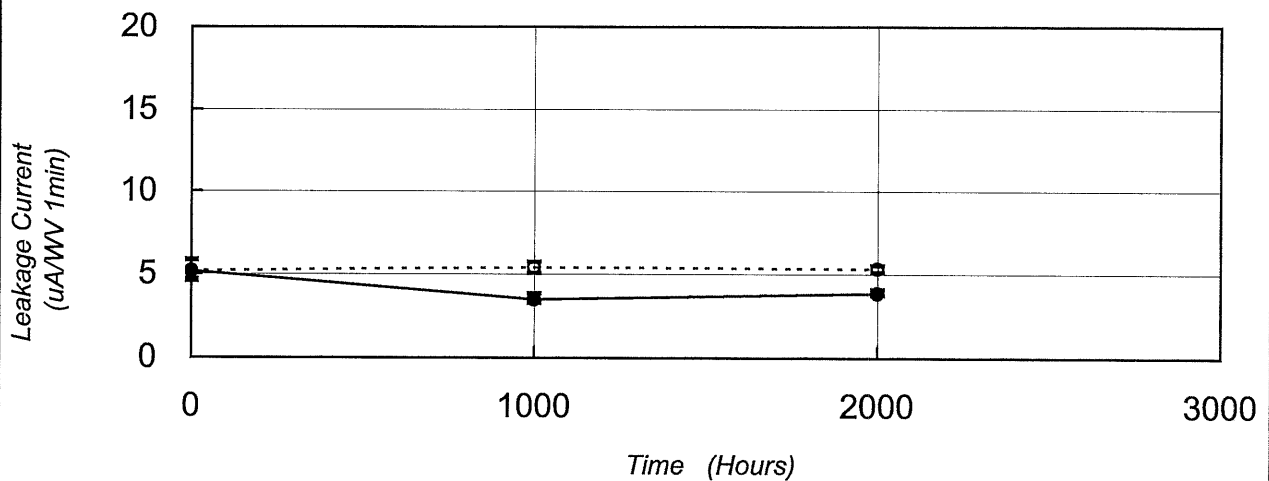
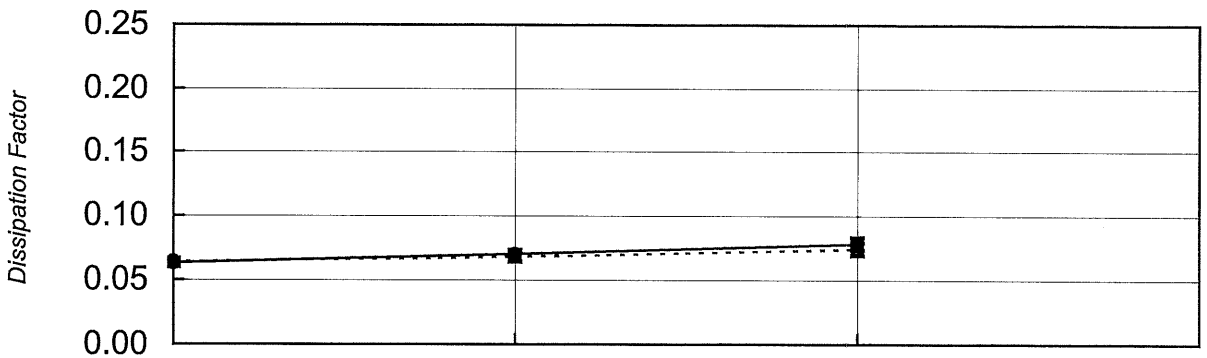
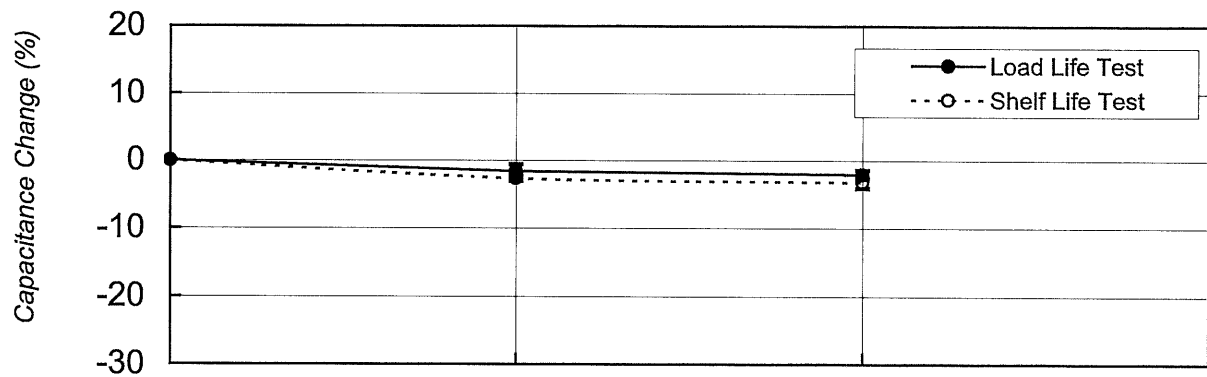
THE TEST RESULT

PROJECT	Load Life Test / Shelf Life Test
SAMPLE : NACE331M25V8X10.5TR13	
TESTING METHODS: Load Life: The capacitor under test shall be applied the rated voltage continuously at 85deg.C. Shelf Life: The capacitor under test shall be let alone at 85deg.C without loading.	APPARATUS: YHP MODEL 4274ALCRMETER (at 120 Hz)
NOTE : each n = 10 pcs	DATA No.



THE TEST RESULT

PROJECT	Load Life Test / Shelf Life Test	
SAMPLE :	NACE221M35V8X10.5TR13	
TESTING METHODS:	Load Life: The capacitor under test shall be applied the rated voltage continuously at 85deg.C. Shelf Life: The capacitor under test shall be let alone at 85deg.C without loading.	APPARATUS: YHP MODEL 4274ALCRMETER (at 120 Hz)
NOTE :	each n = 10 pcs	DATA No.



THE TEST RESULT

PROJECT	Load Life Test / Shelf Life Test	
SAMPLE :	NACE101M50V8X10.5TR13	
TESTING METHODS:	Load Life: The capacitor under test shall be applied the rated voltage continuously at 85deg.C. Shelf Life: The capacitor under test shall be let alone at 85deg.C without loading.	APPARATUS: YHP MODEL 4274ALCRMETER (at 120 Hz)
NOTE :	each n = 10 pcs	DATA No.

