



DELTA ELECTRONICS, INC.

EST FAN Life TEST REPORT

Customer : STD		Product : EST FAN			
Sample P/N :AFL25AUHW-P0		REV : 02			
Date Code : 7628M35F					
No.	Test Item	Test Condition	Q'ty PCS	Result	Test Record
1	Life Test (Operating)	1. Input rated voltage (115V) 2. Test temperature : max operating temperature.(60°C) 3. Continue running until fail.	10	PASS	DG17FNL119-Life
QE File No.		Issued Date	Tested By	Reviewed By	Approved By
DG17FNL119		9-Jan-18	Loly.Wang	Jinze.Nie	Tim.Yi



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EST FAN Life TEST REPORT

Available for those models with same physical structure. This test report applies to EST FAN Φ250X80 mm series as the right table	AFL22AUHW-P0

Sample P/N : AFL25AUHW-P0 **Sample Size : 10 PCS**

Test item : Life Test

Test Condition :

1. Input rated voltage(115V)
2. Test temperature : max operating temperature.(60℃)
3. Continue running until fail.
4. Test duration : 1360hrs

Instruments used : 1. Chamber : Thermal shock TERCHY TS-72D

Test Data Between Initial Test and Final Test

	Initial Test	Final Test		Initial Test	Final Test		Initial Test	Final Test	
Sample	Power Spec.	Power Spec.	Deviation	Speed Spec.	Speed Spec.	Deviation	Speed Spec.	Speed Spec.	Deviation
	115VAC	115VAC		115VAC	115VAC		115VAC	115VAC	
	(W)	(W)	(%)	(RPM)	(RPM)	(%)	(dB A)	(dB A)	
No.	30.0	30.0	%	1980~2420	1980~2420	%	62.0 Max	62.0 Max	3 dBMax.
1	21.3	21.5	0.9	2222	2140	-3.7	55.6	55.9	0.3
2	21.3	21.6	1.4	2238	2203	-1.6	56.1	55.9	-0.2
3	21.2	21.7	2.4	2223	2156	-3.0	56.0	55.7	-0.3
4	21.0	21.8	3.8	2218	2148	-3.2	56.0	55.8	-0.2
5	21.7	21.5	-0.9	2236	2143	-4.2	56.2	56.0	-0.2
6	21.4	21.4	0.0	2229	2150	-3.5	56.0	55.8	-0.2
7	21.3	21.5	0.9	2227	2162	-2.9	55.7	55.8	0.1
8	21.4	21.5	0.5	2209	2148	-2.8	56.0	55.7	-0.3
9	20.4	21.2	3.9	2215	2157	-2.6	56.1	55.7	-0.4
10	21.2	21.8	2.8	2233	2153	-3.6	56.2	55.7	-0.5
Mean (X-Bar)	21.22	21.55	--	2225	2156	--	55.99	55.80	--
Standard Deviation	0.339	0.184	--	9.381	17.776	--	0.197	0.105	--

Test Data Between Initial Test and Final Test

	Initial Test	Final Test		Initial Test	Final Test	
Sample	Power Spec.	Power Spec.	Deviation	Speed Spec.	Speed Spec.	Deviation
	115VAC	115VAC		115VAC	115VAC	
	(W)	(W)	(%)	(RPM)	(RPM)	(%)
No.	-	-	%	720~880	720~880	%
1	2.500	2.200	-12.0	792	785	-0.9
2	2.200	2.200	0.0	799	782	-2.1
3	2.300	2.000	-13.0	791	770	-2.7
4	2.300	2.100	-8.7	793	763	-3.8
5	2.100	2.200	4.8	799	780	-2.4
6	2.400	2.100	-12.5	796	765	-3.9
7	2.200	2.100	-4.5	789	776	-1.6
8	2.200	2.100	-4.5	787	771	-2.0
9	2.300	2.100	-8.7	792	772	-2.5
10	2.200	2.000	-9.1	796	774	-2.8
Mean (X-Bar)	2.27	2.11	--	793	774	--
Standard Deviation	0.116	0.074	--	4.033	7.115	--

Evaluation Result:

Acceptance **Reject**

Remark : The environmental conditions are as follows:
 - Temperature range : 15 °C to 35 °C
 - Relative humidity : 25% to 75%RH
 - Air pressure : 86 kpa to 106 kpa (860 mbar to 1060 mbar)

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