爱立德电子（香港）有限公司
INEED ELECTRONICS (HONGKONG) LIMITED

寿 命 试 验 报 告
Life Test Report

Prepared By	Checked By	Approved By
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QR-QP-17-03

试验名称 Test name	寿命试验 Life test					制 品 名 Product name	LRA Vibration Motor					试 验 时 间 Test time	开始(start)2026.09.01 结束(End) 2026.10.07					
试验条件 Test conditions	1.1.2VrmsAC（240Hz） 2.Test mode:2s on/1s off 3.Test Cycle:1,000,000 cycles					型号 Model No.	LRA0825BC					综合判定 Comprehensive judgment	合格 Qualified					
测定项目 Measurement	规 格 Specifications	1		2		3		4		5		6		7		8		9		10	
		前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change	前/后 Before / after	变化 change
F0点振动量 Acceleration	0.8Grms Min	0.96 0.92	-4.2%	0.89 0.87	-2.2%	0.91 0.94	3.3%	0.89 0.85	-4.5%	0.83 0.80	-3.6%	0.81 0.80	-1.2%	0.95 0.92	-3.2%	0.95 0.92	-3.2%	0.90 0.93	3.3%	0.81 0.80	-1.2%
额定电流 Rated Current	70mA Max	59.2 60.0	1.4%	61.5 61.0	-0.8%	59.9 60.0	0.2%	61.9 60.7	-1.9%	61.5 60.0	-2.4%	58.6 59.0	0.7%	61.0 60.5	-0.8%	63.3 62.7	-0.9%	60.6 60.0	-1.0%	64.0 61.7	-3.6%
频率 Frequency	240±10Hz	243.2 242.7	-0.2%	236 235.9	0.0%	232.6 232.0	-0.3%	238.0 237.4	-0.3%	242 241.7	-0.1%	232.6 232.1	-0.2%	241.2 240.9	-0.1%	237.2 236.9	-0.1%	238.8 238.2	-0.3%	236.2 235.9	-0.1%
噪音 noise	32dBMax	25.0 22.0	/	16.9 10.9	/	17.5 10.0	/	18 9.8	/	23.7 20	/	17.5 6.7	/	26.2 20.1	/	16.7 11.2	/	16.6 9.6	/	23.8 12.7	/
运转次数 Times of operation	cycles	100 0000		100 0000		100 0000		100 0000		100 0000		100 0000		100 0000		100 0000		100 0000		100 0000	
拆 机 Disassembly	无部品松动脱落 No loose or detached parts	OK		OK		OK		OK		OK		OK		OK		OK		OK		OK	
判定 Judgment	OK/NG	OK		OK		OK		OK		OK		OK		OK		OK		OK		OK	

试验后应满足下列条件
- F0 点振动量/Acceleration：初始值/Initial Value ±30%
- 额定电流/Rated current：初始值 Initial Value ±30%
- F0/Frequency：初始值 Initial Value ±10Hz
- 噪音/Noise：55dB(A) Max

备 注 Remarks	实验前后10个马达的振动量,额定电流,频率的变化率和噪音值符合要求,判定实验合格; The acceleration, rated currents, frequency change rates, and noise values of the ten motors before and after the experiment meet the requirements, and the experiment is determined to be qualified.