

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	-4.2%	0.89	-2.2%	0.91	3.3%	0.89	-4.5%	0.83	-3.6%	0.81	-1.2%	0.95	-3.2%	0.95	-3.2%	0.90	3.3%	0.81	-1.2%
		0.92		0.87		0.94		0.85		0.80		0.80		0.92		0.92		0.93		0.80	
额定电流 Rated Current	70mA Max	59.2	1.4%	61.5	-0.8%	59.9	0.2%	61.9	-1.9%	61.5	-2.4%	58.6	0.7%	61.0	-0.8%	63.3	-0.9%	60.6	-1.0%	64.0	-3.6%
		60.0		61.0		60.0		60.7		60.0		59.0		60.5		62.7		60.0		61.7	
频率 Frequency	240±10Hz	243.2	-0.2%	236	0.0%	232.6	-0.3%	238.0	-0.3%	242	-0.1%	232.6	-0.2%	241.2	-0.1%	237.2	-0.1%	238.8	-0.3%	236.2	-0.1%
		242.7		235.9		232.0		237.4		241.7		232.1		240.9		236.9		238.2		235.9	
噪 音 noise	32dBMax	25.0	/	16.9	/	17.5	/	18	/	23.7	/	17.5	/	26.2	/	16.7	/	16.6	/	23.8	/
		22.0		10.9		10.0		9.8		20		6.7		20.1		11.2		9.6		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.																				