

Reliability test report

可靠性实验报告

FORM No: F-SUN1-XV-15.11.1.2/A0

记录代码: F-SUN1-XV-15.11.1.2/A0

Report No 报告编号:	251212024											
Test item 测试项目	Axial Compression Load Test 轴向挤压											
Basic information												
样品信息												
Customer 客户	rM	Department 委托部门	Electronic Pen Business Department 电子笔事业部	Sample Size 样品数量	3Pcs							
Project name 项目名称	Takayama	Applicant 委托人员	Wenhui Ge	Start Date 开始时间	12/12/2025							
Product Name 产品名称	Takayama	Sample stage 样品阶段	PVT	End Date 完成时间	12/12/2025							
Software Ver: 软件件版本:	2.23-1.1.80	Test Conclusion 测试结论	Pass									
Equipment information												
设备信息												
Equipment 测试设备	Insertion and extraction force testing machine 插拔力试验机		Model 设备型号	KJ-1220								
Test Purpose 测试目的	Test 测试											
2. Testing Description												
测试描述												
Test Conditions 测试条件	<p>The Marker shall undergo test to failure for compression load, with parameters as detailed below.</p> <p>Force: 50 N, with increments of 10N until Failure</p> <p>Test velocity: 2 (mm/min)</p> <p>Test adapters: Steel Pocket Ø9,25x 15 mm</p> <p>Continue from 50N until 250N</p> <p>标识器应进行压缩载荷直至失效的测试，具体参数如下：</p> <p>力：50牛顿，每次以10牛顿的增量增加，直至标识器失效。</p> <p>测试速度：2毫米/分钟</p> <p>测试适配器：钢质承窝，尺寸为直径9.25毫米×15毫米</p> <p>从50牛顿开始继续测试，直至达到250牛顿。</p>											
Test Procedures 测试步骤	<p>The Marker shall undergo test to failure for compression load, with parameters as detailed below.</p> <p>Force: 50 N, with increments of 10N until Failure</p> <p>Test velocity: 2 (mm/min)</p> <p>Test adapters: Steel Pocket Ø9,25x 15 mm</p> <p>Continue from 50N until 250N</p> <p>标识器应进行压缩载荷直至失效的测试，具体参数如下：</p> <p>力：50牛顿，每次以10牛顿的增量增加，直至标识器失效。</p> <p>测试速度：2毫米/分钟</p> <p>测试适配器：钢质承窝，尺寸为直径9.25毫米×15毫米</p> <p>从50牛顿开始继续测试，直至达到250牛顿。</p>											
Acceptance Criteria: 允收标准	<p>250N</p> <p>After failure record the value of Force (N) and the deflection amount (mm).</p>											

Test result information**测试结果信息**

Sample information		Test result			Description
No.	SN	Direction	Structure& cosmetic	Charging	
1#	RM04D00 5322101F	pre-test	Pass	Pass	Pass
		50N	Pass	Pass	Pass
		60N	Pass	Pass	Pass
		70N	Pass	Pass	Pass
		80N	Pass	Pass	Pass
		90N	Pass	Pass	Pass
		100N	Pass	Pass	Pass
		110N	Pass	Pass	Pass
		120N	Pass	Pass	Pass
		130N	Pass	Pass	Pass
		140N	Pass	Pass	Pass
		150N	Pass	Pass	Pass
		160N	Pass	Pass	Pass
		170N	Pass	Pass	Pass
		180N	Pass	Pass	Pass
		190N	Pass	Pass	Pass
		200N	Pass	Pass	Pass
		210N	Pass	Pass	Pass
		220N	Pass	Pass	Pass
		230N	Pass	Pass	Pass
		240N	Pass	Pass	Pass
		250N	Pass	Pass	Pass
2#	RM04D00 5322103 M	pre-test	Pass	Pass	Pass
		50N	Pass	Pass	Pass
		60N	Pass	Pass	Pass
		70N	Pass	Pass	Pass
		80N	Pass	Pass	Pass
		90N	Pass	Pass	Pass
		100N	Pass	Pass	Pass
		110N	Pass	Pass	Pass
		120N	Pass	Pass	Pass
		130N	Pass	Pass	Pass
		140N	Pass	Pass	Pass
		150N	Pass	Pass	Pass
		160N	Pass	Pass	Pass
		170N	Pass	Pass	Pass
		180N	Pass	Pass	Pass
		190N	Pass	Pass	Pass
		200N	Pass	Pass	Pass
		210N	Pass	Pass	Pass
		220N	Pass	Pass	Pass
		230N	Pass	Pass	Pass
		240N	Pass	Pass	Pass
		250N	Pass	Pass	Pass
3#	RM04D00 53221010	pre-test	Pass	Pass	Pass
		50N	Pass	Pass	Pass
		60N	Pass	Pass	Pass
		70N	Pass	Pass	Pass
		80N	Pass	Pass	Pass
		90N	Pass	Pass	Pass
		100N	Pass	Pass	Pass
		110N	Pass	Pass	Pass
		120N	Pass	Pass	Pass
		130N	Pass	Pass	Pass
		140N	Pass	Pass	Pass
		150N	Pass	Pass	Pass
		160N	Pass	Pass	Pass
		170N	Pass	Pass	Pass
		180N	Pass	Pass	Pass
		190N	Pass	Pass	Pass
		200N	Pass	Pass	Pass
		210N	Pass	Pass	Pass
		220N	Pass	Pass	Pass
		230N	Pass	Pass	Pass
		240N	Pass	Pass	Pass
		250N	Pass	Pass	Pass

Test Picture

测试图片

Pre-test	Pre-test/function	Set up
Set up	Set up	Post-test
Post-test/function	Post-test	N/A
		N/A

Tester By: Yan Liao

Check By: Yi Feng

Approved By: Lingfeng Ma

Remark: Save dept: User dept. Expire date: 1 year. Security level: top-secret confidential Internal publicity External pu