

Ref. No.	ZBG2212D(BG)0101-000526-07(E)
Total pages	10

TEST REPORT

Product Name: Silicone Keyboard

Type and Specification: K-TEK-M275TP-FN-BL-NV-EMC-151B

Test Category: Entrusted Test

Factory: Key Technology (China) Limited

Client: Key Technology (China) Limited



CHINA CEPREI LABORATORY

The 5th Electronic Institute of MIIT



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TEST REPORT

Product Name	Silicone Keyboard	Model/Type	K-TEK-M275TP-FN -BL-NV-EMC-151B
		Trade Mark	/
Factory	Key Technology (China) Limited	Test Category	Entrusted Test
Factory Address	Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan City, Guang Dong Province, P.R. China.		
Client	Key Technology (China) Limited		
Client Address	Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan City, Guang Dong Province, P.R. China.		
Number of products	3PCS (1 packaging box)	Date of receipt of products	2022.12.09
Specimen sender	Client	Date(s) of test	2022.12.13
Ambient Condition	(15~35)°C ; (25~75)%R.H; (86~106)kPa		
Test Item Description	Transport Package Drop Test		
Test Standard	GJB 1945-1994<Military Computer Keyboard General Specification> GJB150.18A-2009<Laboratory Environmental Test Methods For Military Equipment Section 18: Shock Test>		
Summary of Testing and Conclusions	<p>After test, the packaging box had no severe damage, the inside specimens appearance and structure had no damage, and the keyboard function was normal.</p> <p>Test Department:  Issued Date: 2023.1.12</p>		
Remark	<Testing Schedule> JT-WI-YF-03 Detailed technical requirement is offered by client.		

Prepared by: 陈宇俊

Date: 2023.1.12

Reviewed by: 陈宇俊

Date: 2023.1.12

Approved by: 陈宇俊

Date: 2023.1.12

Test Description and Specimen Description				
Test Address	No. 78, West of Zhucun Road, Zengcheng District, Guangzhou, Guangdong, China			
Description of the multiple test Address	/			
The Issuing Address of the Report	No. 78, West of Zhucun Road, Zengcheng District, Guangzhou, Guangdong, China			
Specimen Details: Visual evaluation was OK before test.				
Test Procedure and Description				
No.	Test Item	Product Name	Specimen No.	Test Date
1	Transport Package Drop Test	Silicone Keyboard	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007	2022.12.13
Specimens Distribution				
No.	Product Name	Type	Amount	Specimen No.
1	Silicone Keyboard	K-TEK-M275 TP-FN-BL-NV-EMC-151B	3PCS (1 packaging box)	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007

1. Transport Package Drop Test

1.1 Test Specimen

No.	Product Name	Type	Amount	Specimen No.
1	Silicone Keyboard	K-TEK-M275TP-FN-BL-NV-EMC-151B	3PCS (1 packaging box)	M275TP-FN-BL-NV-EMC-151B-2022102600005 M275TP-FN-BL-NV-EMC-151B-2022102600006 M275TP-FN-BL-NV-EMC-151B-2022102600007

1.2 Equipment used in the test

No.	Name	Type	SN	Due Date
1	Single-arm Drop Tester	BF-F-320ST	190413001	2022.10.09~2023.10.08
2	Steel Tape	DT10	3041970	2022.04.11~2023.04.10

1.3 Test Standard

GJB 1945-1994<Military Computer Keyboard General Specification>
GJB150.18A-2009<Laboratory Environmental Test Methods For Military Equipment Section 18: Shock Test>

1.4 Test Condition

Test procedure: Procedure IV- Transport Drop Test;
Specimen state: Weight≤45.4kg, Maximum Size<91cm;
Drop height: 122cm;
Drop count: drop to each surface, edge and corner, 26 times of drop totally;
After the test, use test software to check the keyboard function.

1.5 Test Criterion

After test, the packaging box shall be no severe damage, the inside specimens appearance and structure shall be no damage, and the keyboard function shall be normal.

1.6 Test Photos



Fig.1 Specimen before test (front)



Fig.2 Specimen before test (side)



Fig.3 Specimen before test (side)



Fig.4 Drop height: 122cm



Fig.5 Surface 1



Fig.6 Surface 2



Fig.7 Surface 3



Fig.8 Surface 4



Fig.9 Surface 5



Fig.10 Surface 6



Fig.11 Corner 1



Fig.12 Corner 2



Fig.13 Corner 3



Fig.14 Corner 4



Fig.15 Corner 5



Fig.16 Corner 6



Fig.17 Corner 7



Fig.18 Corner 8



Fig.19 Edge 1



Fig.20 Edge 2



Fig.21 Edge 3



Fig.22 Edge 4



Fig.23 Edge 5



Fig.24 Edge 6



Fig.25 Edge 7



Fig.26 Edge 8



Fig.27 Edge 9



Fig.28 Edge 10



Fig.29 Edge 11



Fig.30 Edge 12



Fig.31 Specimens after test



Fig.32 Keyboard function check after test

1.7 Summary of Testing and Conclusions

After test, the packaging box had no severe damage, the inside specimens appearance and structure had no damage, and the keyboard function was normal.

Test Instruments and Equipment List

No.	Name	Type	SN	Due Date
1	Single-arm Drop Tester	BF-F-320ST	190413001	2022.10.09~2023.10.08
2	Steel Tape	DT10	3041970	2022.04.11~2023.04.10
Remark: All instruments and equipment used in the test are within the validity period of calibration.				