Thank you for giving UL the opportunity to partner with you.
Please note, Follow-Up Procedure Revisions or Report Revisions do not include Authorization Pages, Indices, Section General, and/or Appendices unless revisions were required or requested.

Should you have any questions, after reviewing the material, or need to report any inaccuracies, please reach out to your UL representative or find UL contact details for your local Customer Service Department at https://www.ul.com/about/locations.

Please find attached the related material

For your convenience, the below describes the related updates:

1).For revised/new documentation, please reference 2022-05-27 in the page headings.
2).Certificate of Compliance format now separates US and Canada certified Products by specified scheme and category.

E341988-vol1-Index
E341988-20220527-CertificateofCompliance
E341988-20220527-Description
E341988-20220527-TestRecord

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Times change, Trust Remains™

INDEX

CERTIFICATE OF COMPLIANCE

Certificate Number	UL-CA-2222766-0
Report Reference	E341988-20220527
Date	31-May-2022
Issued to:	APACER TECHNOLOGY INC 1F 32 Zhongcheng Rd Tucheng District New Taipei 236 Taiwan
This is to certify that representative samples of	AZOT8 - Audio/Video, Information and Communication Technology Equipment Certified for Canada - Component See Addendum Page for Product Designation(s).
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	CSA C22.2 No. 62368-1:19, 3rd Ed., Issue Date: 2019-12-13, Revision Date: 2021-10-22
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2222766-0
Report Reference E341988-20220527
Date 31-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SX250-25, (X=A~Z)	Serial ATA Flash Drive

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	UL-US-2223217-0
Report Reference	E341988-20220527
Date	31-May-2022
Issued to:	APACER TECHNOLOGY INC 1F 32 Zhongcheng Rd Tucheng District New Taipei 236 Taiwan
This is to certify that representative samples of	AZOT2 - Audio/Video, Information and Communication Technology Equipment - Component See Addendum Page for Product Designation(s).
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	UL 62368-1, 3rd Ed., Issue Date: 2019-12-13, Revision Date: 2021-10-22
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2223217-0
Report Reference E341988-20220527
Date 31-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SX250-25, (X=A~Z)	Serial ATA Flash Drive

Bruce Mahrenholz, Director North American Certification Program

UL LLC

File E341988
Project 4790407795

May 27, 2022

REPORT

on

COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT

APACER TECHNOLOGY INC

New Taipei, Taiwan

UL TEST REPORT AND PROCEDURE	
Standard:	UL 62368-1, 3rd Edition, 2019-12-13 (Audio/video, Information and Communication Technology Equipment - Part 1: Safety Requirements) CAN/CSA C22.2 No. 62368-1-19, 3rd Edition, 2019-12 (Audio/video, Information and Communication Technology Equipment - Part 1: Safety Requirements)
Certification Type:	Recognized Component
CCN:	AZOT2, AZOT8 (Audio/Video, Information and Communication Technology Equipment - Component)
Complementary Certification CCN	N/A
Product:	Serial ATA Flash Drive
Model:	SX250-25 (X=A~Z)
Rating:	5 Vdc, 1.35 A (optional)
Applicant Name and Address:	APACER TECHNOLOGY INC 1F 32 ZHONGCHENG RD TUCHENG DISTRICT NEW TAIPEI 236 TAIWAN

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL LLC ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

[ ] UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of this page through to the end of the Engineering Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL

Prepared by: Stanley Tsai Reviewed by: Vincent Lai

Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

A. Authorization - The Authorization page may include additional Factory Identification Code markings.

B. Generic Inspection Instructions -

i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report

ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report

C. Listing Mark/Recognized Component Mark Data Page - details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

Product Description

The equipment under test (EUT), models shown as cover page are Serial ATA Flash Drive for use as audio/video, information and communication technology equipment in the scope of this standard.

The equipment is incorporated with following critical parts:
1) Metal enclosure fixed by mechanical snap-fit.
2) ES1 board.

Model Differences

All models are identical to each other except for the model designation (For marketing purpose).

Test Item Particulars (NOT FOR FIELD REPRESENTATIVE'S USE)

Product group ..... :	☐ end product ☒ built-in component
Classification of installation and use by ..... :	☐ Ordinary person ☐ Instructed person ☐ Skilled person
Supply Connection ..... :	☐ pluggable equipment ☐ type A ☐ type B ☐ permanent connection ☐ detachable power supply cord ☐ non-detachable power supply cord ☒ not directly connected to the mains
Equipment mobility ..... :	☐ movable ☐ hand-held ☐ transportable ☐ stationary ☒ for building-in ☐ direct plug-in ☐ rack-mounting ☐ wall-mounted
Over voltage category (OVC) ..... :	☐ OVC I ☐ OVC II ☐ OVC III ☐ OVC IV ☒ other: not directly connected to the mains
Fundamental Frequency ..... :	☐ 50/60 Hz ☐ 50 Hz ☐ 60 Hz ☐ other_____Hz
Class of equipment ..... :	☐ Class I ☐ Class II ☒ Class III ☐ Not classified
Access location ..... :	☐ restricted access location ☒ N/A
Pollution degree (PD) ..... :	☐ PD 1 ☒ PD 2 ☐ PD 3
IP protection class ..... :	☒ IP X0 ☐ IP ____
Tested for IT power systems ..... :	☐ Yes ☒ No
IT testing, phase-phase voltage (V) ..... :	☐ ____ ☒ N/A
Altitude during operation (m) ..... :	☒ Up to 2,000 ☐ Up to _____m
Altitude of test laboratory (m) ..... :	☒ Less than 2,000 ☐ Approximately _____
Mass of equipment (kg) ..... :	Max. 0.035 kg

Technical Consideration (NOT FOR FIELD REPRESENTATIVE'S USE)

- The product was submitted and evaluated for use at the maximum ambient temperature (Tma) permitted by the manufacturer's specification of: 70°C

[X] Engineering Conditions of Acceptability (NOT FOR FIELD REPRESENTATIVE'S USE)

For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC. When installed in an end-product, consideration must be given to the following:

- The investigated Pollution Degree is: 2
- The accessibility for ordinary person shall be evaluated in the end product.
- The unit shall receive power from a ES1 power source.
- The suitability of all electrical connections made to the device shall be determined in the end-use product.
- Thermal related test should be considered in end-product.
- The need for suitable Electrical enclosure (for ES safeguard), fire enclosure (for PS safeguard), mechanical enclosure (for MS safeguard), and safeguard for thermal burn injury (for TS safeguard) is to be evaluated and provided in the end-use equipment.

Additional Information

N/A

Additional Standard

The product fulfils the requirements of: UL 62368-1, Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements, Edition 3, Revision Date 10/22/2021, CSA C22.2 No. 62368-1:19, Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements, Edition 3, Revision Date 10/22/2021

Markings, instructions and instructional safeguards		
Clause Title	Marking or Instruction Details	
	English	French
Equipment identification marking – Manufacturer identification	Listee's or Recognized company's name, Trade Name, Trademark or File Number	
Equipment identification marking – model identification	Model Number	
Equipment rating marking –ratings	Input Ratings (voltage, frequency/dc, current/power) (optional)	

Special Instructions to UL Representative

N/A

Production-Line Testing Requirements

Electric Strength Test Special Constructions - Refer to Generic Inspection Instructions, Part AC for further information.

Model	Component	Removable Parts	Test probe location	V rms	V dc	Test Time, s
N/A						

Earthing Continuity Test Exemptions - This test is not required for the following models:

All models

Electric Strength Test Exemptions - This test is not required for the following models:

All models

Electric Strength Test Component Exemptions - The following solid-state components may be disconnected from the remainder of the circuitry during the performance of this test:

N/A

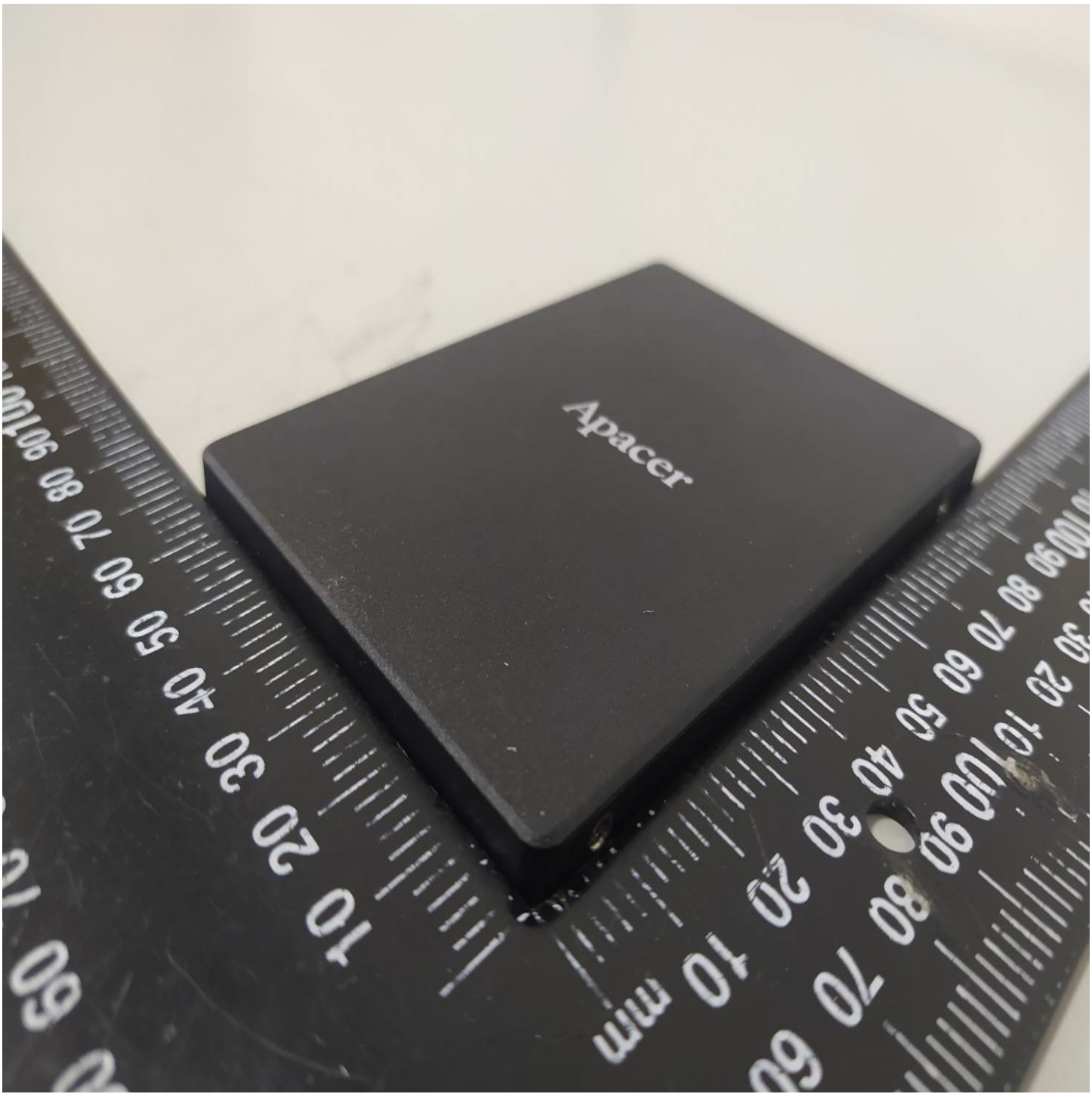
Sample and Test Specifics for Follow-Up Tests at UL

Model	Component	Material	Test	Sample(s)	Test Specifics
N/A					

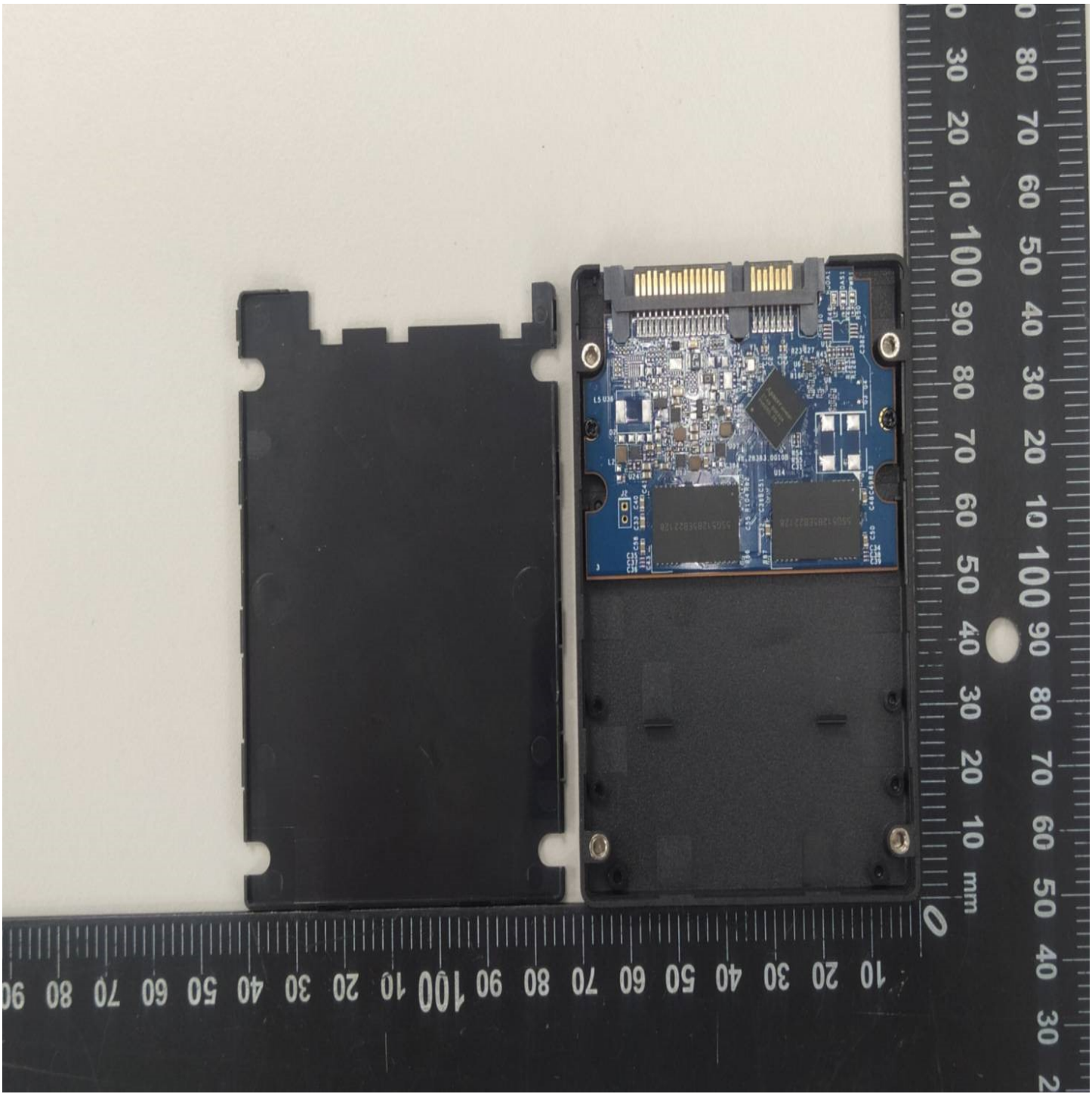
4.1.2	TABLE: list of critical components					Pass
Object/part or Description	Manufacturer/ trademark	type/model	technical data	Product Category CCN(s)	Required Marks of Conformity	Supplement ID
01.Label	Interchangeable	Interchangeable	80 degree C if maximum surface temperature not specified.	PGDQ2 or PGJI2	UL	
02. Metal enclosure	--	--	Aluminum, minimum 0.5 mm thickness overall dimension: see ILL. 1 for detail	--	--	
03. Connectors and Receptacles (ES1 circuits)	Interchangeable	Interchangeable	Metal/plastics, Copper alloy pins housed in bodies of plastic rated V-2 min.	QMFZ2	UL	
04. Printed Wiring Board	Interchangeable	Interchangeable	Rated minimum V-1, minimum 105 degree C.	ZPMV2	UL	

ENCLOSURES

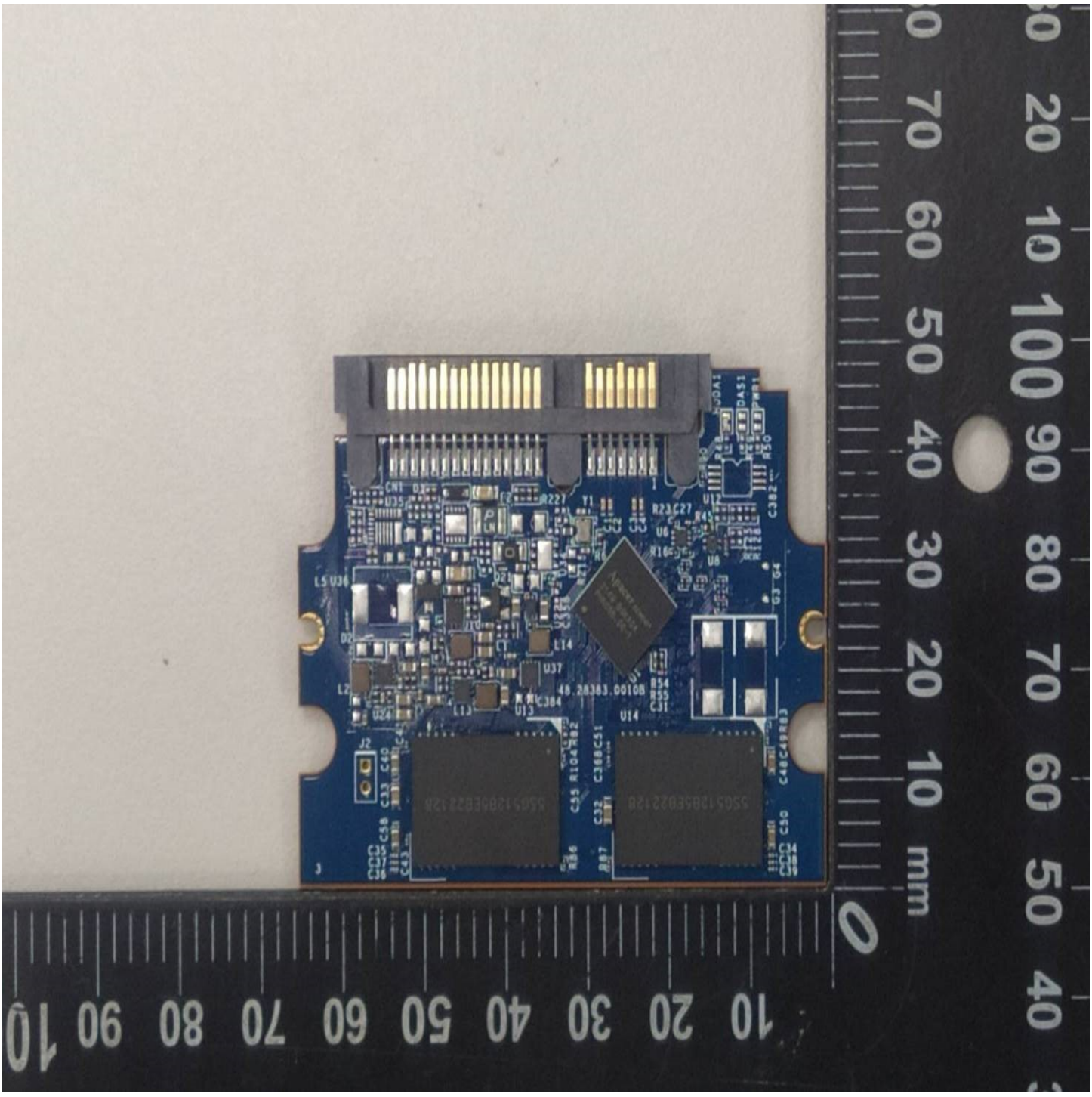
Type	Supplement Id	Description
Figures	Figure-1	External view-1
	Figure-2	External view-2
	Figure-3	Internal view-1
	Figure-4	Main board-1
	Figure-5	Main board-2
Illustrations	Illustration-1	Metal enclosure drawing


Apacer

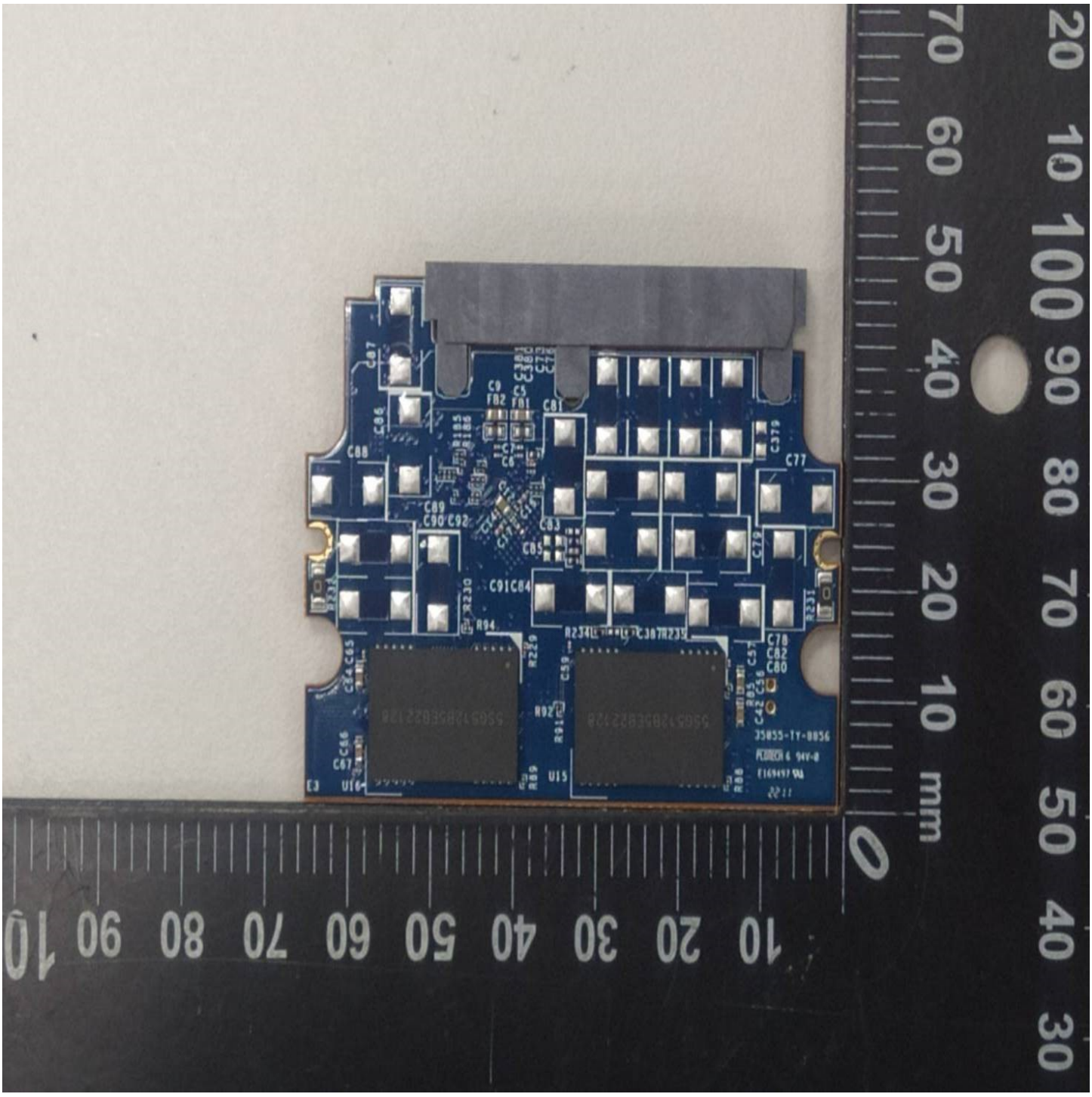

Serial ATA Flash Drive
Model: ST250-25
Capacity: 1TB
P/N: AE3.252KGC.0027S
Rating: 5VDC/1.35A
0000000001

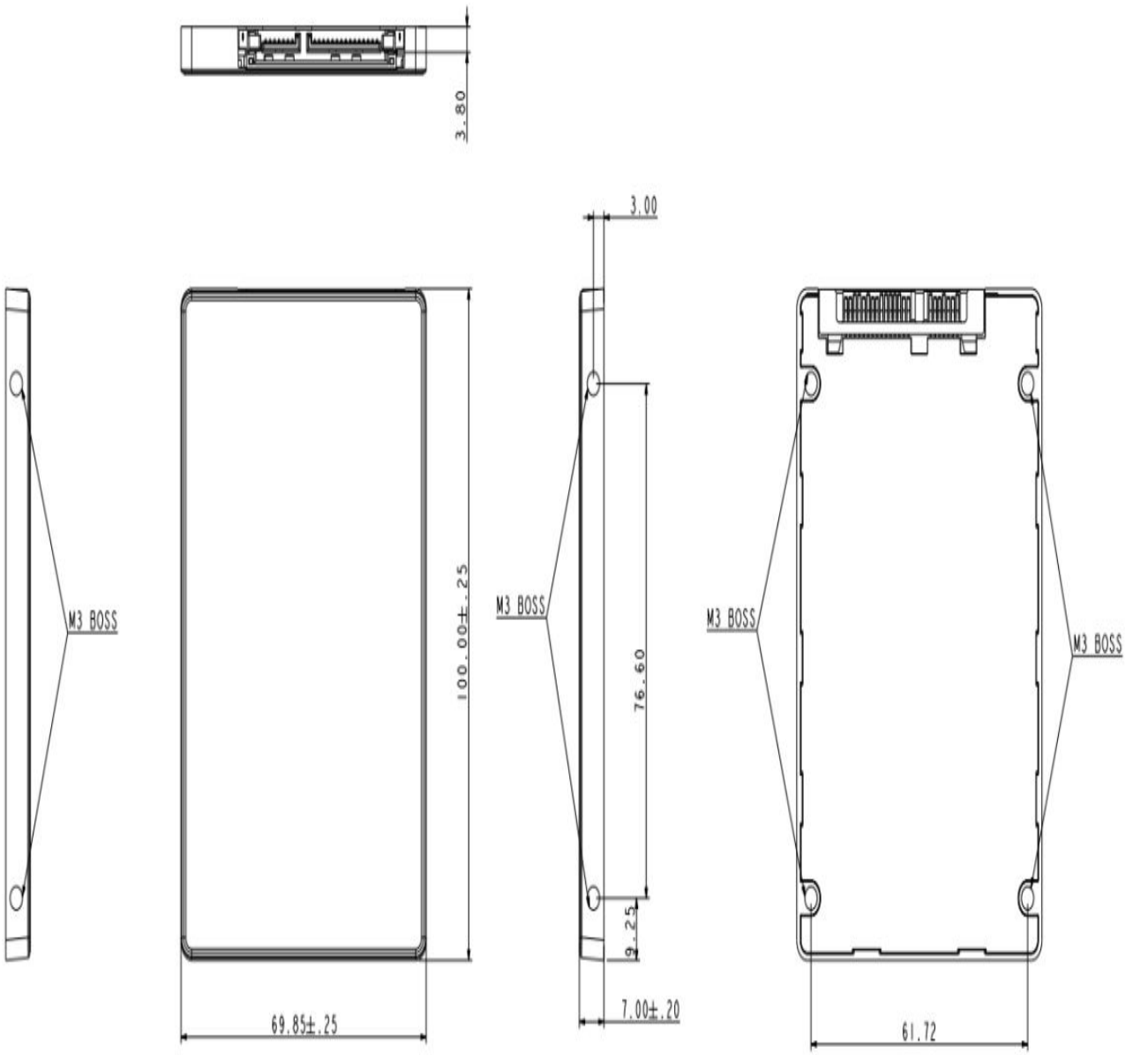


E341988-00000000-F-04 Page-1



E341988-00000000-F-05 Page-1





Unit: mm

Figure 9-1 Physical Dimensions

TEST RECORD NO. 1

SAMPLES:

The manufacturer submitted representative production samples of Serial ATA Flash Drive, Models SX250-25 (X=A~Z).

GENERAL:

Test results relate only to the items tested.

Unless otherwise noted, all clauses and tests were not considered necessary based upon previous evaluation under the CB scheme. The CB Scheme Test Certificate Ref. No. DK-127819-UL, dated 2022-05-20, and Report Ref. No. WL-ITAV-1-22D1915-A0, dated 2022-05-18 was prepared by UL(Demko).

- Sample was reviewed at the client side during the investigation of witness trip.

- Test results reported relate only to the items tested.

The following tests were conducted:

Test	Testing Location/Comments
--	--

Test results are valid only for the tested equipment. These tests are considered representative of the products covered by this Test Report. The test methods and results of the above tests have been reviewed and found to be in accordance with the requirements in the Standard(s) referenced at the beginning of this Test Report.

The following tests were waived:

Test	Rationale for Waiving
Refer to CB report	

The following supplements are provided as a part of this Test Record. NOTE: These supplements are only available to the Applicant via the CDA system.

Type	Supplement Id	Description
Attachment	DataSheet-CR1	CRD

The test methods and results of the above tests have been reviewed and found in accordance with the requirements in CAN/CSA C22.2 NO. 62368-1:19, Edition 3rd, Issue Date 2019/12/13, UL 62368-1, Edition 2nd, Issue Date 2019/12/13.

Test Record Summary:

The results of this investigation indicate that the products evaluated comply with the applicable requirements and, therefore, such products are judged eligible to bear UL’s Mark as described on the Conclusion Page of this Report.

CONCLUSION

Samples of the product covered by this Report have been found to comply with the requirements covering the category and the products are found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify UL certification or that the product(s) described are covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the Certification Mark of UL on such products which comply with UL's Follow-Up Service Procedure and any other applicable requirements of UL LLC. The Certification Mark of UL on the product, or the UL symbol on the product and the Certification Mark of UL on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Listing and Follow-Up Service.

Report by:

Stanley Tsai

Project Engineer
Conformity Assessment Services

Reviewed by:

Vincent Lai

Project Engineer
Conformity Assessment Services