

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

APPROVAL SHEET

承认书

AAEON : RC-C-CSC-CP-00A3
(suzhou)MODEL NO.

VERSION : 01

DATE : Jan.12.2021

PREPARED BY : Fengwei

CHECKED BY : Neo.wang

APPROVAL : Dongming.shen

AAEON Technology (suzhou) Inc.

ADD: 2F-12,Building B,No.5 Xin Han Street suzhou industrial Park, Jiangsu,China

TEL: +86-0512-67625700

FAX: +86-0512-67617337

<http://www.aaeon.com.cn>

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

MODIFICATION	VER	DATE

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

CONTENTS

1. COMPONENTS LIST , DESCRIPTION & PHOTO OF PRODUCT.....	3
1.1 COMPONENTS LIST.....	3
1.2 DESCRIPTION & PHOTO OF PRODUCT.....	4
2. CHARACTERISTICS.....	4
2.1 MECHANICAL CHARACTERISTICS.....	4
3. DRAWINGS: UP2 CASE-1 ASSEMBLY.....	5
3.1 LOGO PLATE.....	6
3.2 TOP COVER.....	7
3.3 MID-CASE.....	8
3.4 BASE PLATE.....	9
3.5 HOLDER.....	10
3.6 SCREW.....	11
3.7 POST.....	12
3.8 Thermal Pad 1.....	13
3.9 Thermal Pad 2.....	14
3.10 Gasket 1.....	15
3.11 Gasket 2.....	16
3.12 PLUG 1.....	17
3.13 PLUG 2.....	18

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

1. COMPONENTS LIST, DESCRIPTION & PHOTO OF PRODUCT

1.1 COMPONENTS LIST

NO.	PN	Description	SPEC/mm	QTY.	PAGE
1	9759PLCSC0	LOGO PLATE	93.2×48×20.5mm	1	6
2	S1B2006031	SCREW	M2.5×6mm	16	11
3	9757HSCSC4	TOP COVER	98.5×93.5×23.4mm	1	7
4	1998UP2020	Thermal PAD 1	15.0×15.0×1.0mm	1	13
5	1998UP2010	Thermal PAD 2	10×10×1.5mm	2	14
6	222UP20000	Gasket 1	21×14×1mm	1	15
7	S1BB046020	POST 1	M2.5×H5×46mm	4	12
8	9759MDCSC2	MID-CASE	105×100×57mm	1	8
9	222UP20010	Gasket 2	85×33×1.5mm	1	16
10	P70UP20000	PLUG 1	φ 5.0×φ 3.3×5.5mm	2	17
11	P70UP20010	PLUG 2	φ 9.5×φ 6.5×9mm	6	18
12	9759BTCSC2	BASE PLATE	104×99×5.4mm	1	9
13	9759VECSC1	HOLDER	120×65×2mm	1	10
14	S1BB023020	POST 2	M2.5×H5× 2 3 m m	4	5
15	S1BB026020	POST 3	M2.5×H5× 2 6 m m	4	5

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

1. DESCRIPTION & PHOTO OF PRODUCT



View

Note: The image shown here is indicative only, the chassis pack is excluding the UP Squared Motherboard

2. CHARACTERISTICS

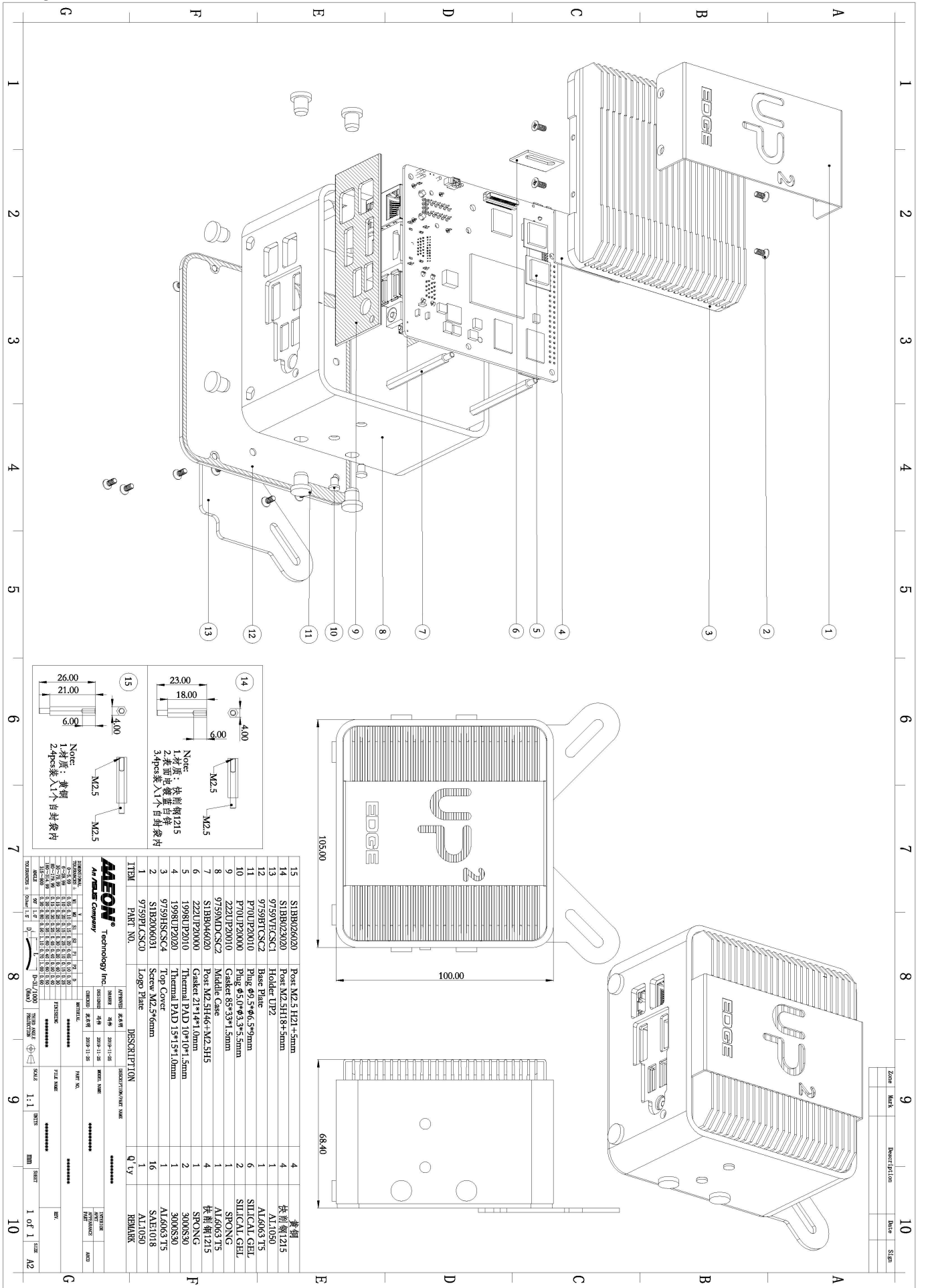
2.1 MECHANICAL CHARACTERISTICS

Overall Dimension	105×100×68.4
-------------------	--------------

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

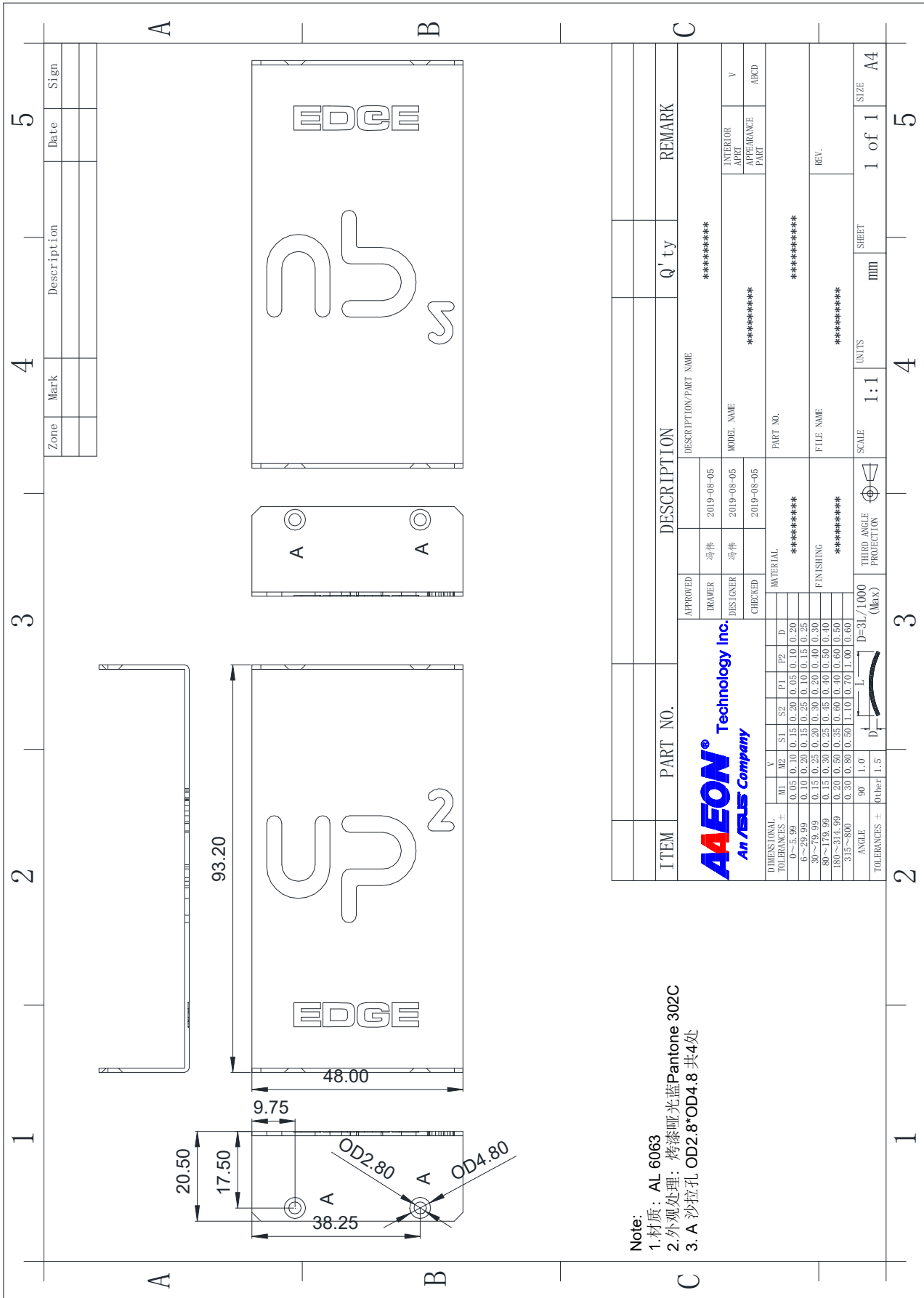
3. DRAWINGS: UP2 CASE-1 ASSEMBLY



研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

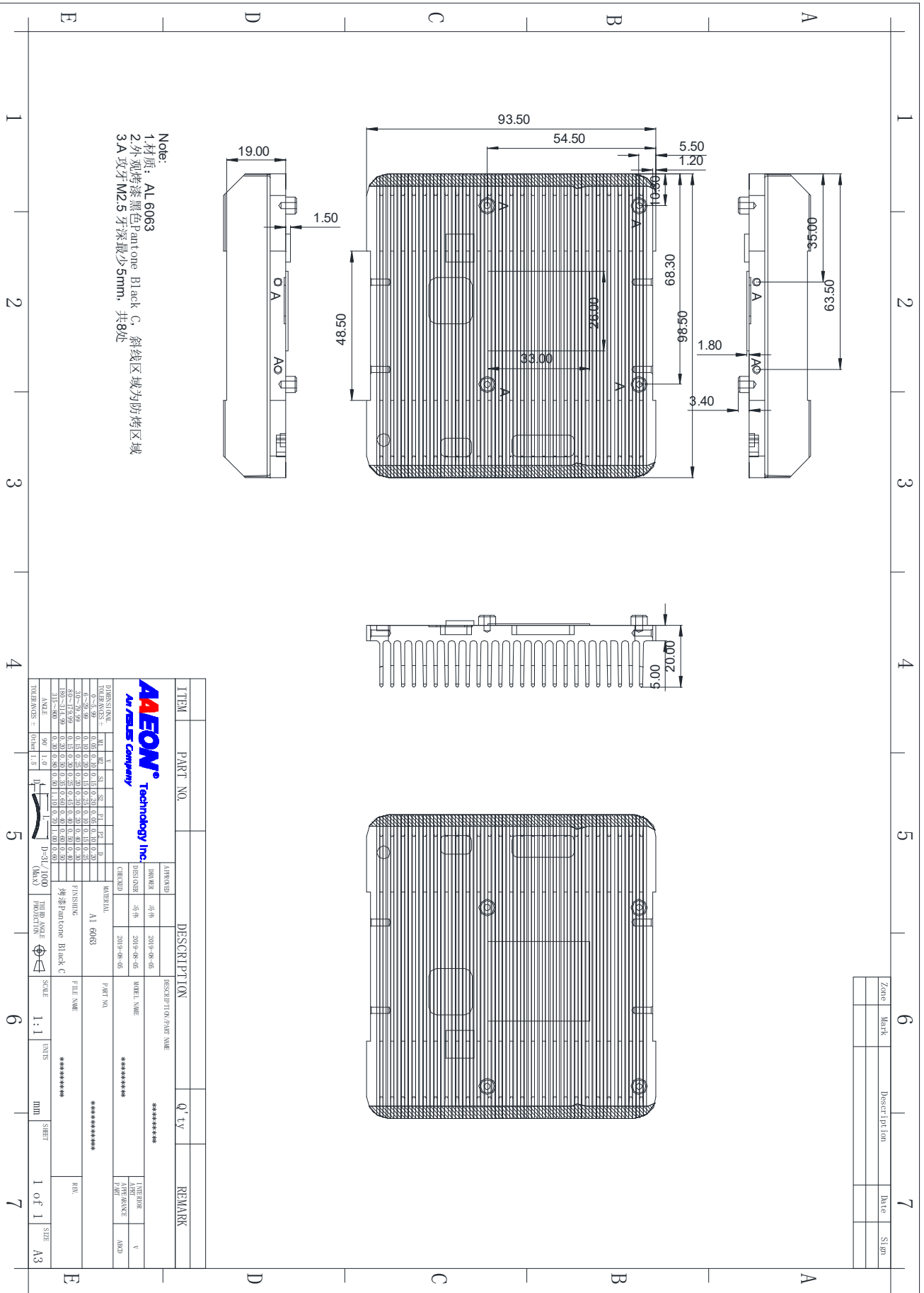
3.1 LOGO PLATE



研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

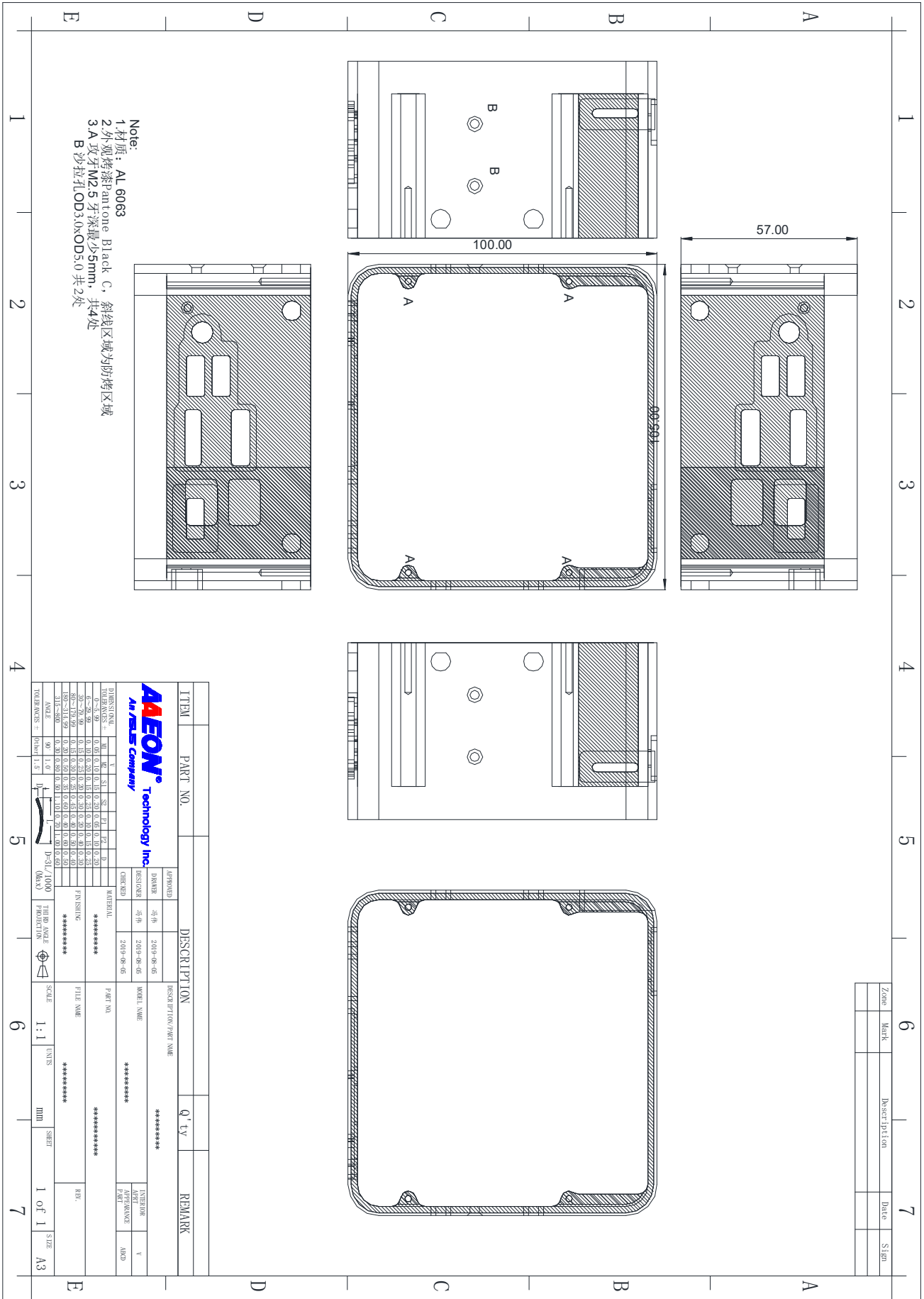
3.2 TOP COVER



研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.3 MID-CASE



Note:
 1. 材质: AL 6063
 2. 外观烤漆: antone Black C, 斜线区域为防烤区域
 3. A 攻牙 M2.5 牙深最少 5mm, 共 4 处
 B 沙拉孔 OD3.0xOD5.0 共 2 处

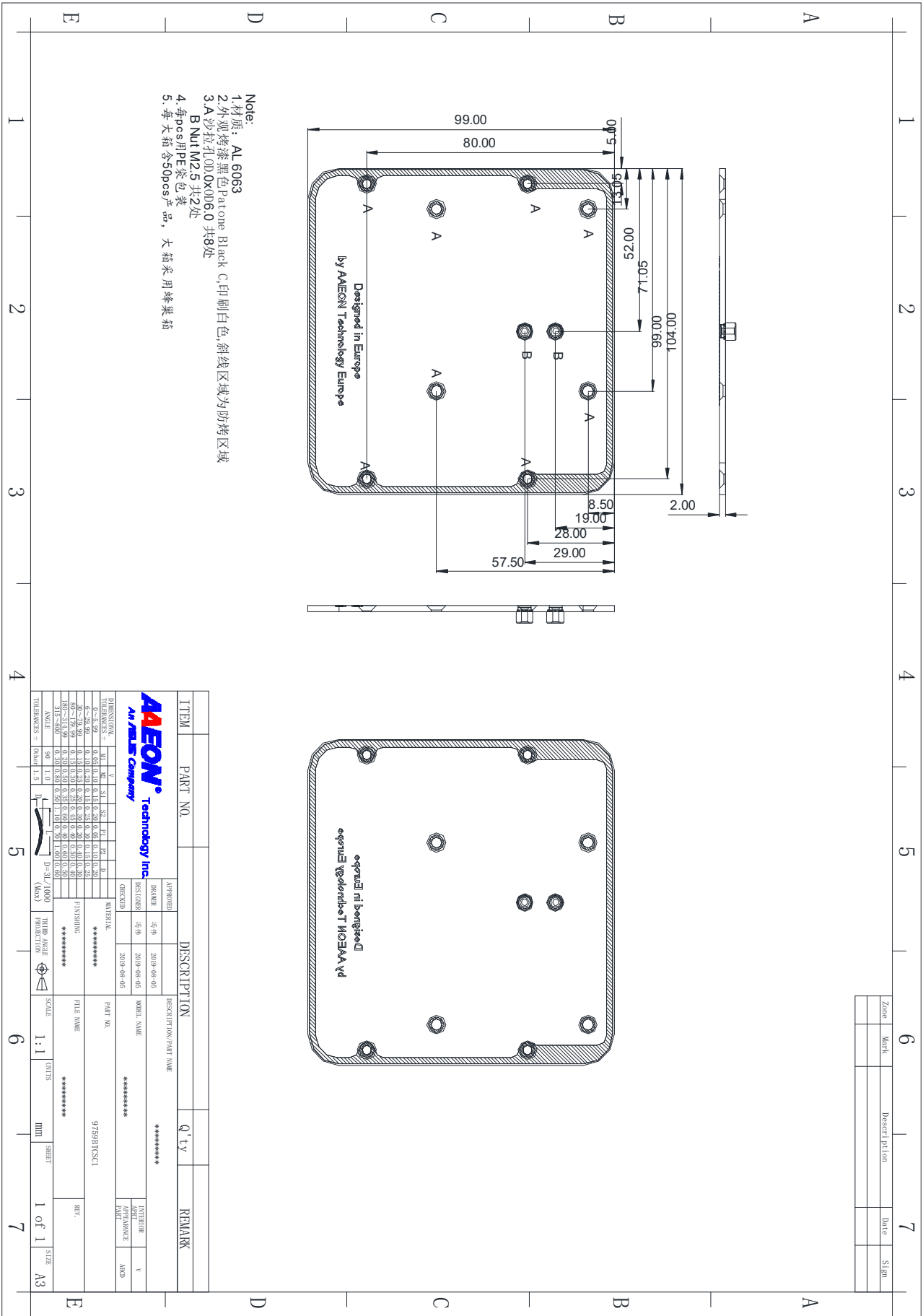
ITEM	PART NO.	DESCRIPTION	Q'TY	REMARK
APPROVED NUMBER: 3/8 2018-08-06				
DESIGNER: 李伟 2018-08-06				
CHECKED: 2018-08-06				
MATERIAL: *****				
FINISHING: *****				
TOLERANCES: DIMS 1:100				
HATCH: 30°				
SCALE: 1:1				
UNITS: MM				
SHEET: 1 OF 1				
SIZE: A3				

Zone	Mark	Description	Date	Sign

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

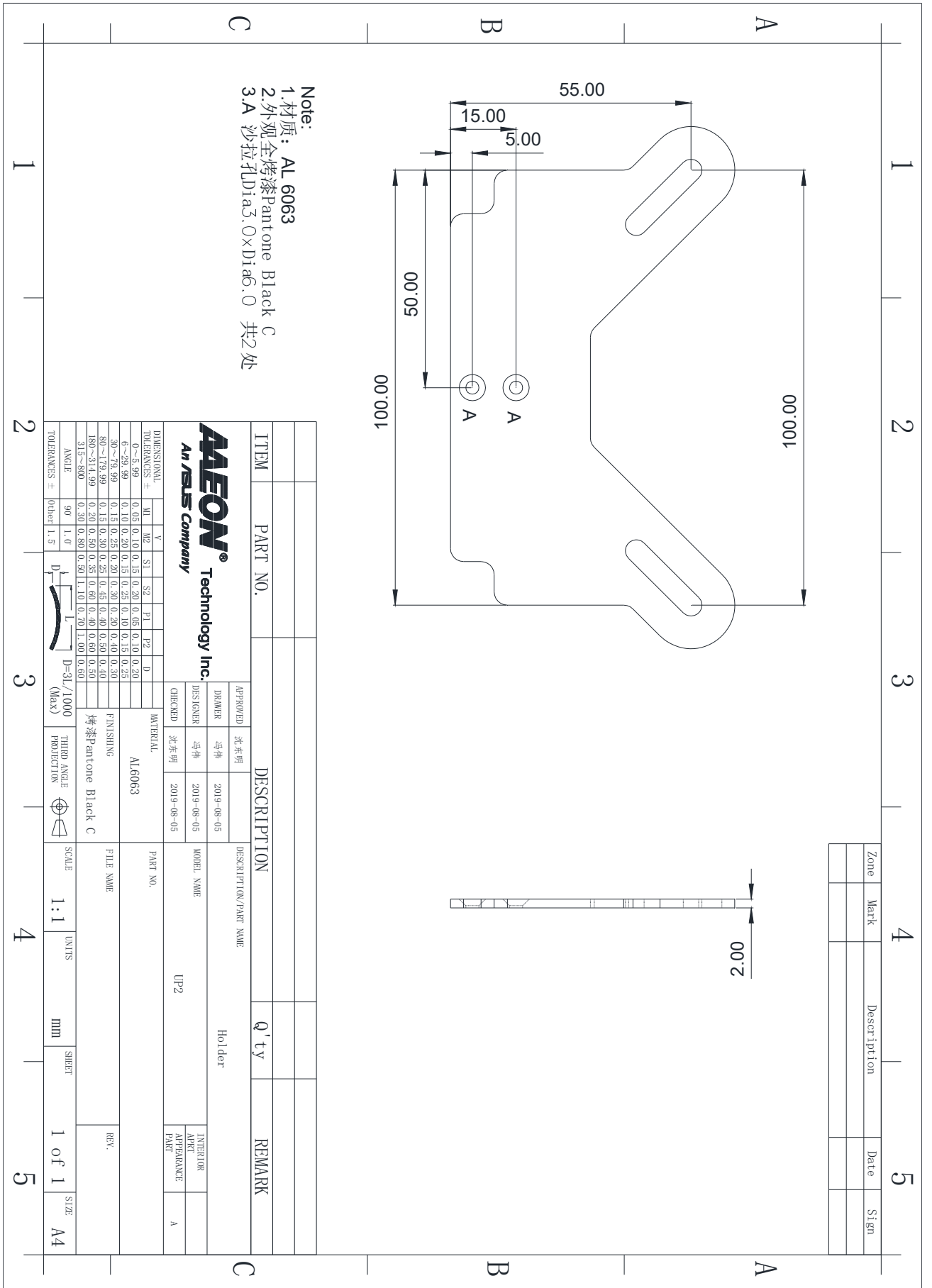
3.4 BASE PLATE



研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.5 HOLDER



- Note:
- 1.材质: AL 6063
 - 2.外观全烤漆Pantone Black C
 - 3.A 沙拉孔Dia3.0xDia6.0 共2处

ITEM	PART NO.	DESCRIPTION	Q'ty	REMARK
		Holder		
APPROVED		沈东明	2019-08-05	
DRAWER		沈东明	2019-08-05	
DESIGNER		沈东明	2019-08-05	
CHECKED		沈东明	2019-08-05	
MATERIAL		AL6063		
FINISHING		烤漆Pantone Black C		
PART NO.				
MODEL NAME		UP2		
FILE NAME				REV.
SCALE		1:1		
UNITS		mm		
SHEET		1 of 1		
SIZE		A4		

1 2 3 4 5

A B C

100.00 100.00 55.00 15.00 5.00 50.00 100.00

00.2

90 1.0

Other 1.5

D-31/1000 (Max)

THIRD ANGLE PROJECTION

SCALE 1:1

UNITS mm

SHEET 1 of 1

SIZE A4

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.6 SCREW

1	2	3	4	5
A	B	C	A	B

16 pcs螺丝分两个塑封袋：4pcs锁附 logo plate 来料无需锁直接放入独立塑封袋，12 pcs放入另一个塑封袋内。

Zone	Mark	Description	Date	Sign

ITEM	PART NO.	DESCRIPTION	Q'ty	REMARK					

APPROVED		沈奕明	2019-11-25	DESCRIPTION/PART NAME	Screw M2.5*6				
DRAWER		冯伟	2019-11-25	MODEL NAME					
DESIGNER		冯伟	2019-11-25	INTERIOR					
CHECKED		沈奕明	2019-11-25	APPT					
				APPEARANCE	A				
				PART					

DIMENSIONAL TOLERANCES ±		M1	M2	S1	S2	P1	P2	D	
0~5.99		0.05	0.10	0.15	0.20	0.05	0.10	0.20	
6~29.99		0.10	0.20	0.15	0.25	0.10	0.15	0.25	
30~179.99		0.15	0.25	0.20	0.30	0.20	0.30	0.40	
180~179.99		0.20	0.30	0.25	0.45	0.40	0.50	0.60	
180~179.99		0.20	0.30	0.25	0.45	0.40	0.50	0.60	
315~580		0.30	0.50	0.50	1.10	0.70	1.50	0.80	

FINISHING		电镀锌		THIRD ANGLE PROJECTION		SCALE		1:1	
MATERIAL		SAE1018		THIRD ANGLE PROJECTION		UNITS		mm	
FILE NAME				THIRD ANGLE PROJECTION		SHEET		1 of 1	
REV.				THIRD ANGLE PROJECTION		SIZE		A4	

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.8 Thermal Pad 1

1	2	3	4	5
A	B	C	A	B

Thermal Pad

Release Paper

Note:

1. 原料材质: GR-HM
2. 原料颜色: 棕红色
3. 散热片本身不可有指甲印、压伤、变形、脏污、异常变色等不良
4. 导热系数数K6
5. 未注公差见公差表

Zone	Mark	Description	Date	Sign

ITEM	PART NO.	DESCRIPTION	REMARK

D=3L/1000 (Max)

DIMENSIONAL TOLERANCES ±		MATERIAL	
0~5.99	M1	V	*****
6~29.99	0.05 0.10 0.15 0.20 0.25 0.30 0.40 0.50	S1 S2 P1 P2 D	*****
30~79.99	0.10 0.20 0.25 0.30 0.40 0.50 0.60 0.70		*****
80~179.99	0.15 0.25 0.30 0.35 0.40 0.50 0.60 0.70		*****
180~314.99	0.20 0.30 0.35 0.40 0.50 0.60 0.70 1.00		*****
315~800	0.30 0.50 0.60 1.00 1.50		*****
ANGLE	90	1.0	
TOLERANCES ±	Other	1.5	

DRAWER	2020-10-09	MODEL NAME	*****
DESIGNER			
CHECKED			

PART NO.	1998UP2000	SCALE	1:1	UNITS	mm	SHEET	1 of 1	SIZE	A4

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.9 Thermal pad 2

1	2	3	4	5
A	B	C	A	B

ITEM	PART NO.	DESCRIPTION	Q'ty	REMARK														
		<p style="text-align: center;">AAEON An ASUS Company</p> <p style="text-align: center;">Technology Inc.</p>	*****	*****														
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>APPROVED</td> <td>DRAWER</td> <td>DATE</td> </tr> <tr> <td></td> <td>冯特</td> <td>2020-10-09</td> </tr> <tr> <td>CHECKED</td> <td>DESIGNER</td> <td>DATE</td> </tr> <tr> <td></td> <td>冯特</td> <td>2020-10-09</td> </tr> </table>	APPROVED	DRAWER	DATE		冯特	2020-10-09	CHECKED	DESIGNER	DATE		冯特	2020-10-09				
APPROVED	DRAWER	DATE																
	冯特	2020-10-09																
CHECKED	DESIGNER	DATE																
	冯特	2020-10-09																
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>MATERIAL</td> <td>PART NO.</td> </tr> <tr> <td>*****</td> <td>1998UP2010</td> </tr> </table>	MATERIAL	PART NO.	*****	1998UP2010												
MATERIAL	PART NO.																	
*****	1998UP2010																	
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>FINISHING</td> <td>FILE NAME</td> </tr> <tr> <td>*****</td> <td>*****</td> </tr> </table>	FINISHING	FILE NAME	*****	*****												
FINISHING	FILE NAME																	
*****	*****																	
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>THIRD ANGLE PROJECTION</td> <td>SCALE</td> <td>UNITS</td> <td>SHEET</td> <td>1 of 1</td> <td>SIZE</td> </tr> <tr> <td></td> <td>1:1</td> <td>mm</td> <td></td> <td></td> <td>A4</td> </tr> </table>	THIRD ANGLE PROJECTION	SCALE	UNITS	SHEET	1 of 1	SIZE		1:1	mm			A4				
THIRD ANGLE PROJECTION	SCALE	UNITS	SHEET	1 of 1	SIZE													
	1:1	mm			A4													
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>TOLERANCES ±</td> <td>ANGLE</td> </tr> <tr> <td>0~8.99</td> <td>90°</td> </tr> <tr> <td>6~29.99</td> <td>Other 1.5°</td> </tr> <tr> <td>30~79.99</td> <td></td> </tr> <tr> <td>80~179.99</td> <td></td> </tr> <tr> <td>180~314.99</td> <td></td> </tr> <tr> <td>315~800</td> <td></td> </tr> </table>	TOLERANCES ±	ANGLE	0~8.99	90°	6~29.99	Other 1.5°	30~79.99		80~179.99		180~314.99		315~800			
TOLERANCES ±	ANGLE																	
0~8.99	90°																	
6~29.99	Other 1.5°																	
30~79.99																		
80~179.99																		
180~314.99																		
315~800																		

Note:

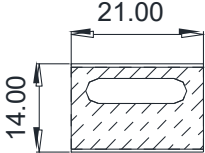
1. 原料材质: GR-HM
2. 原料颜色: 棕红色
3. 散热片本身不可有指甲印、压伤、变形、脏污、异常变色等不良
4. 导热系数K6
5. 未注公差见公差表

研扬科技(苏州)有限公司


AAEON Technology (suzhou) Inc.

3.10 Gasket 1

1	2	3				
		Zone	Mark	Description	Date	Sign




21.00
14.00



1.00
Adhesive side

Note:

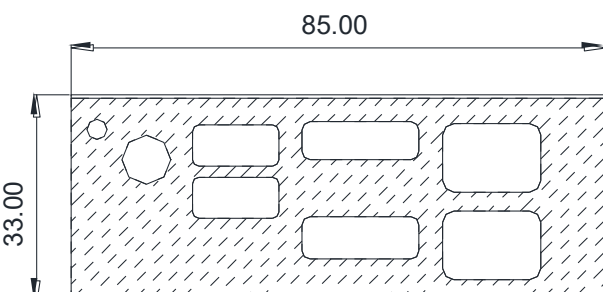
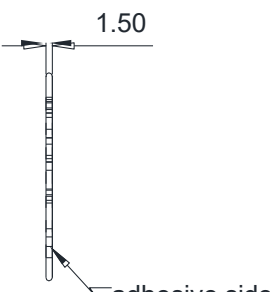


1. 材质: ST-3P-010
2. 泡面: B380
3. 背胶: 导电胶 (TT-220)
4. 表面电阻: 0.04/0.04 (Ω /sq)
5. 背胶面位于正视图背面

ITEM	PART NO.	DESCRIPTION			Q'ty	REMARK										
		APPROVED		DESCRIPTION/PART NAME	*****											
		DRAWER	冯伟	2020-10-09	*****											
		DESIGNER	冯伟	2020-10-09	MODEL NAME	INTERIOR APRT	V									
		CHECKED		2020-10-09	*****	APPEARANCE PART	ABCD									
DIMENSIONAL TOLERANCES ±		M1	M2	S1	S2	P1	P2	D	MATERIAL	PART NO.	222UP20000					
0~3.99		0.05	0.10	0.15	0.20	0.05	0.10	0.20	*****							
6~29.99		0.10	0.20	0.15	0.25	0.10	0.15	0.25	*****							
30~79.99		0.15	0.25	0.20	0.30	0.20	0.40	0.30	*****							
80~179.99		0.15	0.30	0.25	0.45	0.40	0.50	0.40	*****							
180~314.99		0.20	0.50	0.35	0.60	0.40	0.60	0.50	*****							
315~800		0.30	0.80	0.50	1.10	0.70	1.00	0.60	*****							
ANGLE		90	1.0		D=3L/1000 (Max)		THIRD ANGLE PROJECTION		SCALE	1:1	UNITS	mm	SHEET	1 of 1	SIZE	A4
TOLERANCES ±		Other		1.5		D		L		mm		1 of 1		A4		

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

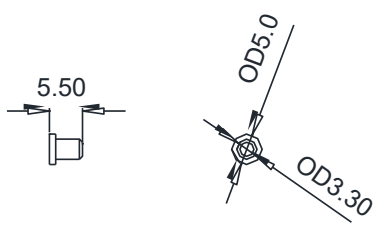


3.11 Gasket 2

1	2	3																																																																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Zone</th> <th style="width: 10%;">Mark</th> <th style="width: 50%;">Description</th> <th style="width: 10%;">Date</th> <th style="width: 10%;">Sign</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Zone	Mark	Description	Date	Sign																																																											
Zone	Mark	Description	Date	Sign																																																															
A																																																																			
B	<p>Note:</p> <ol style="list-style-type: none"> 1. 材质: ST-3P-010 2. 泡面: B380 3. 背胶: 导电胶 (TT-220) 4. 表面电阻: 0.04/0.04 (Ω/sq) 5. 背胶面位于正视图背面 		C																																																																
C			D																																																																
D			E																																																																
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">ITEM</th> <th style="width: 15%;">PART NO.</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 10%;">Q' ty</th> <th style="width: 25%;">REMARK</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	PART NO.	DESCRIPTION	Q' ty	REMARK																																																											
ITEM	PART NO.	DESCRIPTION	Q' ty	REMARK																																																															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">APPROVED</td> <td style="width: 15%;"> </td> <td style="width: 15%;">DESCRIPTION/PART NAME</td> <td style="width: 55%;">*****</td> </tr> <tr> <td>DRAWER</td> <td>冯伟 2020-10-09</td> <td>MODEL NAME</td> <td>*****</td> </tr> <tr> <td>DESIGNER</td> <td>冯伟 2020-10-09</td> <td>INTERIOR APRT APPEARANCE PART</td> <td>v</td> </tr> <tr> <td>CHECKED</td> <td>2020-10-09</td> <td>FILE NAME</td> <td>*****</td> </tr> <tr> <td colspan="2">MATERIAL</td> <td>PART NO.</td> <td>222UP20010</td> </tr> <tr> <td colspan="2">FINISHING</td> <td>REV.</td> <td> </td> </tr> </table>		APPROVED		DESCRIPTION/PART NAME	*****	DRAWER	冯伟 2020-10-09	MODEL NAME	*****	DESIGNER	冯伟 2020-10-09	INTERIOR APRT APPEARANCE PART	v	CHECKED	2020-10-09	FILE NAME	*****	MATERIAL		PART NO.	222UP20010	FINISHING		REV.																																									
APPROVED		DESCRIPTION/PART NAME	*****																																																																
DRAWER	冯伟 2020-10-09	MODEL NAME	*****																																																																
DESIGNER	冯伟 2020-10-09	INTERIOR APRT APPEARANCE PART	v																																																																
CHECKED	2020-10-09	FILE NAME	*****																																																																
MATERIAL		PART NO.	222UP20010																																																																
FINISHING		REV.																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">DIMENSIONAL TOLERANCES ±</th> <th style="width: 5%;">M1</th> <th style="width: 5%;">M2</th> <th style="width: 5%;">S1</th> <th style="width: 5%;">S2</th> <th style="width: 5%;">P1</th> <th style="width: 5%;">P2</th> <th style="width: 5%;">D</th> </tr> </thead> <tbody> <tr> <td>0~5.99</td> <td>0.05</td> <td>0.10</td> <td>0.15</td> <td>0.20</td> <td>0.05</td> <td>0.10</td> <td>0.20</td> </tr> <tr> <td>6~29.99</td> <td>0.10</td> <td>0.20</td> <td>0.15</td> <td>0.25</td> <td>0.10</td> <td>0.15</td> <td>0.25</td> </tr> <tr> <td>30~79.99</td> <td>0.15</td> <td>0.25</td> <td>0.20</td> <td>0.30</td> <td>0.20</td> <td>0.40</td> <td>0.30</td> </tr> <tr> <td>80~179.99</td> <td>0.15</td> <td>0.30</td> <td>0.25</td> <td>0.45</td> <td>0.40</td> <td>0.50</td> <td>0.40</td> </tr> <tr> <td>180~314.99</td> <td>0.20</td> <td>0.50</td> <td>0.35</td> <td>0.60</td> <td>0.40</td> <td>0.60</td> <td>0.50</td> </tr> <tr> <td>315~800</td> <td>0.30</td> <td>0.80</td> <td>0.50</td> <td>1.10</td> <td>0.70</td> <td>1.00</td> <td>0.60</td> </tr> </tbody> </table>		DIMENSIONAL TOLERANCES ±	M1	M2	S1	S2	P1	P2	D	0~5.99	0.05	0.10	0.15	0.20	0.05	0.10	0.20	6~29.99	0.10	0.20	0.15	0.25	0.10	0.15	0.25	30~79.99	0.15	0.25	0.20	0.30	0.20	0.40	0.30	80~179.99	0.15	0.30	0.25	0.45	0.40	0.50	0.40	180~314.99	0.20	0.50	0.35	0.60	0.40	0.60	0.50	315~800	0.30	0.80	0.50	1.10	0.70	1.00	0.60	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">SCALE</td> <td style="width: 15%;">1:1</td> <td style="width: 15%;">UNITS</td> <td style="width: 15%;">mm</td> <td style="width: 15%;">SHEET</td> <td style="width: 15%;">1 of 1</td> <td style="width: 15%;">SIZE</td> <td style="width: 15%;">A4</td> </tr> </table>		SCALE	1:1	UNITS	mm	SHEET	1 of 1	SIZE	A4
DIMENSIONAL TOLERANCES ±	M1	M2	S1	S2	P1	P2	D																																																												
0~5.99	0.05	0.10	0.15	0.20	0.05	0.10	0.20																																																												
6~29.99	0.10	0.20	0.15	0.25	0.10	0.15	0.25																																																												
30~79.99	0.15	0.25	0.20	0.30	0.20	0.40	0.30																																																												
80~179.99	0.15	0.30	0.25	0.45	0.40	0.50	0.40																																																												
180~314.99	0.20	0.50	0.35	0.60	0.40	0.60	0.50																																																												
315~800	0.30	0.80	0.50	1.10	0.70	1.00	0.60																																																												
SCALE	1:1	UNITS	mm	SHEET	1 of 1	SIZE	A4																																																												
E			E																																																																
1	2	3																																																																	

研扬科技(苏州)有限公司

AAEON Technology (suzhou) Inc.

3.12 PLUG 1

1	2	3				
		Zone	Mark	Description	Date	Sign
A						A
B						B
C	<p>Note: 1. 材质: 橡胶 2. 颜色: 黑色 3. 硬度: 50</p>					C
D						D
		ITEM	PART NO.	DESCRIPTION	Q'ty	REMARK
				APPROVED	DESCRIPTION/PART NAME	
		DRAWER	冯伟	2020-10-09	*****	
		DESIGNER	冯伟	2020-10-09	MODEL NAME	INTERIOR APRT
		CHECKED		2020-10-09	*****	V
		MATERIAL		PART NO.		APPEARANCE PART
		*****		P70UP20000		ABCD
		FINISHING		FILE NAME		REV.
		*****		*****		
		ANGLE	90	1.0	SCALE	1:1
				UNITS	mm	SHEET
		D=3L/1000 (Max)		1 of 1		SIZE
		TOLERANCES ±		D		A4
		other 1.5		1		2
		1		3		
E						E

