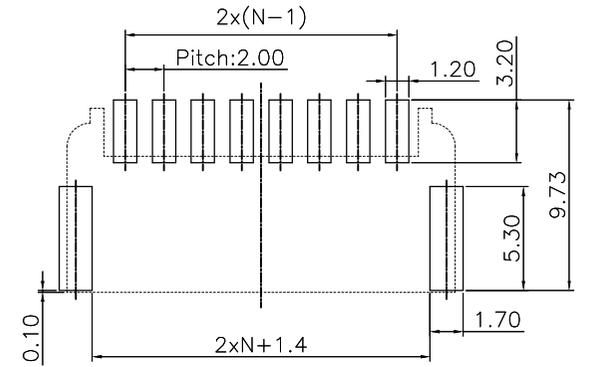
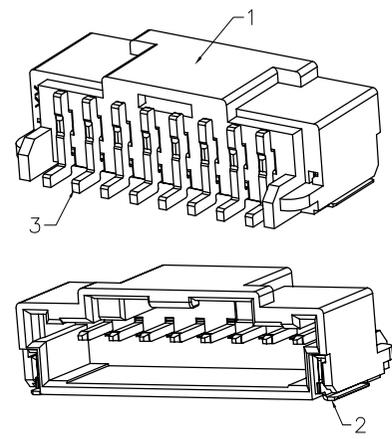
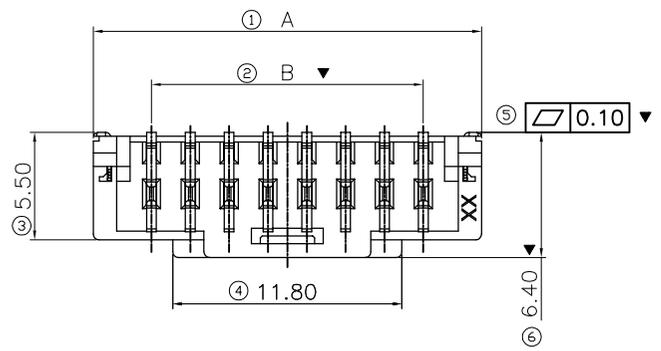
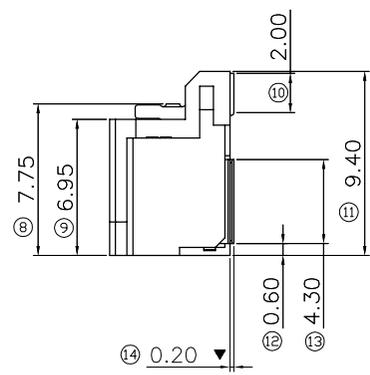
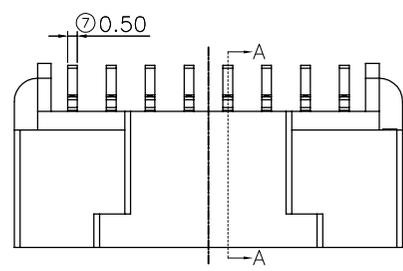


5	6	7	8
REV.	DATE	ECN NO.	MODIFICATION
AO	2024.04.22		NEW
			APPROVER
			Jason



RECOMMENDED PCB LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE:±0.05



3D View

SPECIFICATIONS

1.MATERIAL

- 1.1 Housing: Thermoplastic, UL94V-0
- 1.2 Solder tab: Stainless steel, Tin plated
- 1.3 Contact PIN: Copper Alloy, Tin plated & Gold-plated contact area and welding area

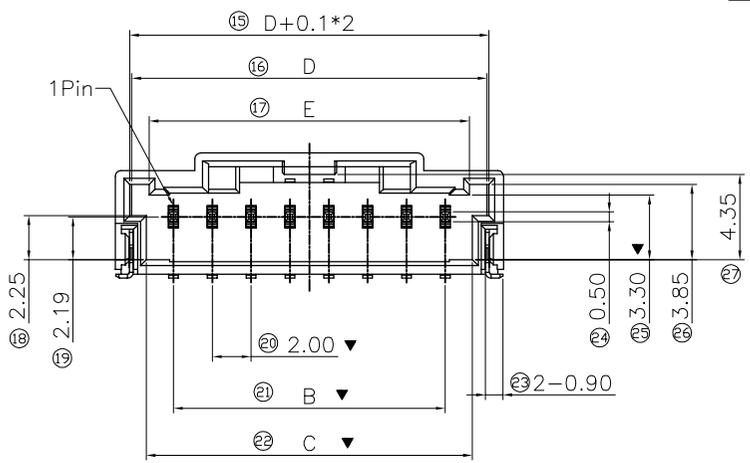
2.Electrical Characteristics:

- 2.1 Applicable: AWG#22~#26
- 2.2 Voltage rating: AC,DC,125V(rms)
- 2.3 Current rating: 3A AC/DC
- 2.4 Withstand voltage: 500V AC/min
- 2.5 Insulation resistance: ≥1000MΩ
- 2.6 Contact resistance: ≤20mΩ
- 2.7 Working Temperature: -40°C~+125°C
- 2.8 Storage Temperature: -25°C~+85°C 70%R.H.Max.(No Condensation)

3.MAJOR DIMENSION:▼

4.Products meet ROHS environmental requirements

极数(N)	尺寸				
	A	B	C	D	E
2	8.00	2.00	4.80	6.30	/
3	10.00	4.00	6.80	8.30	6.50
4	12.00	6.00	8.80	10.30	8.50
5	14.00	8.00	10.80	12.30	10.50
6	16.00	10.00	12.80	14.30	12.50
7	18.00	12.00	14.80	16.30	14.50
8	20.00	14.00	16.80	18.30	16.50
9	22.00	16.00	18.80	20.30	18.50
10	24.00	18.00	20.80	22.30	20.50
11	26.00	20.00	22.80	24.30	22.50
12	28.00	22.00	24.80	26.30	24.50
13	30.00	24.00	26.80	28.30	26.50
14	32.00	26.00	28.80	30.30	28.50
15	34.00	28.00	30.80	32.30	30.50



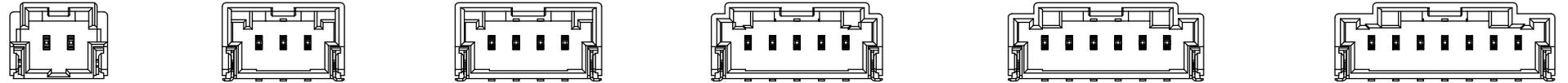
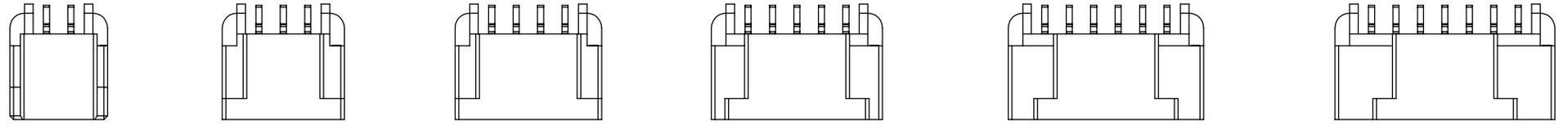
8Pin

GENERAL TOLERANCE			UNITS mm	NAME(INTENDED USE)	<b>ATOM</b> 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.
SELECT	✓				
TOL.	1	2	FINISH	PART NO.(INTENDED USE)	TITLE:
ON.	1	2		Q'TY	WF200**-53***
X.XXX	±0.10	±0.15	2		APPD:
X.XX	±0.15	±0.20		3	CHKD:
X.X	±0.20	±0.25	4		DR: Frank
X.	±0.25	±0.30		5	
ANGLE	±2'				
					REV.
					1:1
					1/2
					AO

1 2 3 4 5 6 7 8

A

A



2Pin

3Pin

4Pin

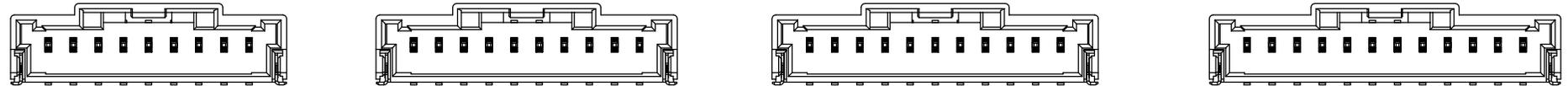
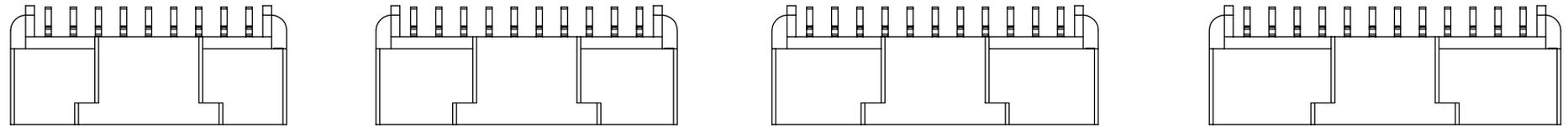
5Pin

6Pin

7Pin

B

B



9Pin

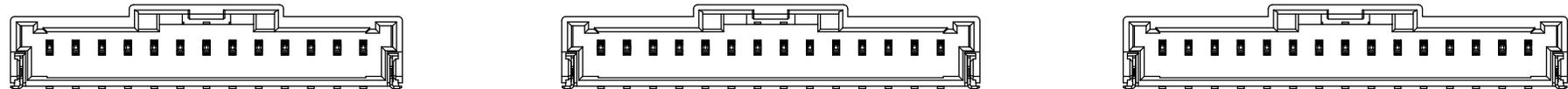
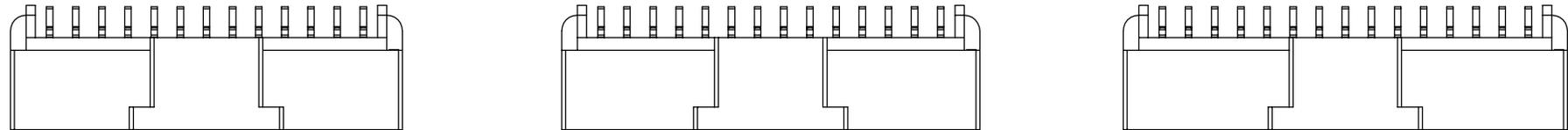
10Pin

11Pin

12Pin

C

C



13Pin

14Pin

15Pin

D

D

PART NO.  
WF200\*\* - 53\*\*\*

产品代码WF:Wafer简写

产品间距:2.00mm

产品Pin位: 02-15

02:整体镀雾锡120-160U"

03:接触区域镀金3U", 焊接区域G/F

1表示管装

2表示卷装

53:卧式带内扣

GENERAL TOLERANCE			UNITS mm	NAME(INTENDED USE) Wafer 2.0	深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
TOL.	1	2	FINISH	APPD:	DWG NO.: ATOM-A09667		
ON.	±0.10	±0.15					
X.XXX	±0.15	±0.20	±0.25	DR: Frank	1:1	2/2	AO
X.XX	±0.20	±0.25	±0.30				
X.X	±0.25	±0.30	±0.50				
ANGLE	±2'						
			Q'TY				

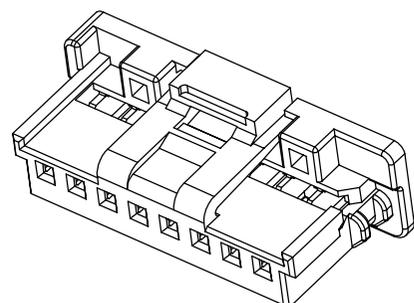
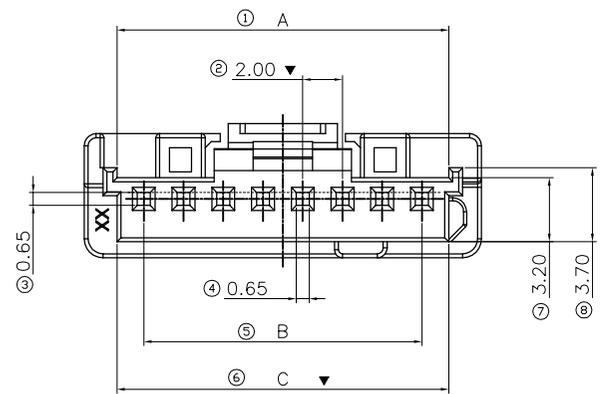
E

E

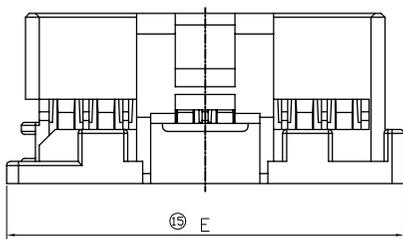
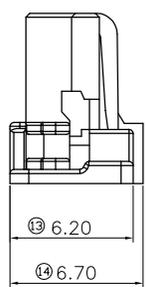
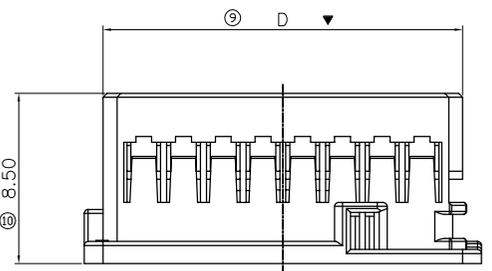
1 2 3 4 5 6 7 8

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV.	DATE	ECN.NO	MODIFY.CONTENT
A0	2024.05.06		初版发行

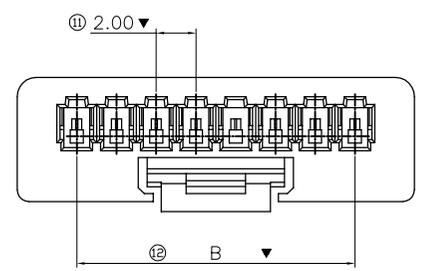


3D View



极数	尺寸				
	A	B	C	D	E
2	/	2.00	4.70	6.10	8.00
3	6.70	4.00	6.70	8.10	10.00
4	8.70	6.00	8.70	10.10	12.00
5	10.70	8.00	10.70	12.10	14.00
6	12.70	10.00	12.70	14.10	16.00
7	14.70	12.00	14.70	16.10	18.00
8	16.70	14.00	16.70	18.10	20.00
9	18.70	16.00	18.70	20.10	22.00
10	20.70	18.00	20.70	22.10	24.00
11	22.70	20.00	22.70	24.10	26.00
12	24.70	22.00	24.70	26.10	28.00
13	26.70	24.00	26.70	28.10	30.00
14	28.70	26.00	28.70	30.10	32.00
15	30.70	28.00	30.70	32.10	34.00

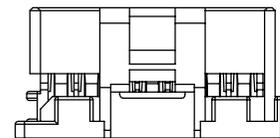
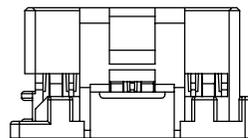
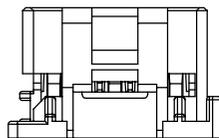
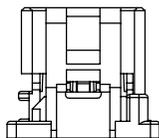
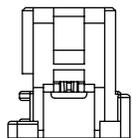
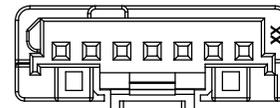
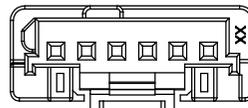
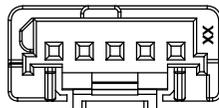
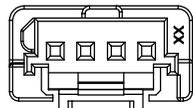
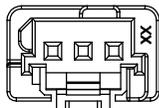
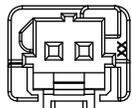
- Specifications:
- MATERIAL:PBT UL94 V-0 Natural
  - Electrical Characteristics:
    - APPLICABLE WIRE:AWG.#22-#26
    - Voltage rating:125V AV/DC(rms)
    - Current rating:3A AC/DC
    - Withstanding voltage:500VAC/minute
    - Insulation resistance:1000 MΩ min
    - Contact resistance:20mΩ max
    - PinRetention Force: 1Kgf/PIN MIN
  - Working Temp:-40°C~+125°C
    - Storage Temperature: -25°C~+85°C  
70%R.H.Max.(No Condensation)
  - MAJOR DIMENSION:▼
  - Products meet ROHS environmental requirements



8Pin

GENERAL TOLERANCE			UNITS	NAME(INTENDED USE)	ATOM <sup>®</sup> 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO.,LTD.
SELECT	1	2	3	Pitch 2.0mm	
TOL.		✓		MAT'L	TITLE: Customer DRAWING FOR Housing 2.0 XP 带内扣 胶芯
ON.	1	2	3	FINISH	
X.XXX	±0.10	±0.15	±0.20	Q'TY	PART NO.(INTENDED USE) H0200**-42401
X.XX	±0.15	±0.20	±0.25		APPD:
X.X	±0.20	±0.25	±0.30		CHKD:
X.	±0.25	±0.30	±0.50		DR: Frank
ANGLE	±2'				DWG NO.: ATOM-A09698
					SCALE: 1:1
					SHEET: 1/2
					REV: A0

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND



2Pin

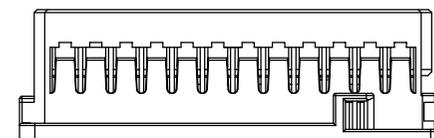
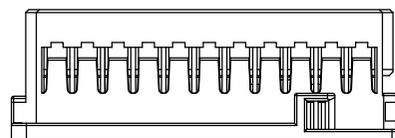
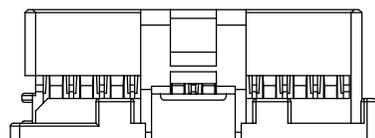
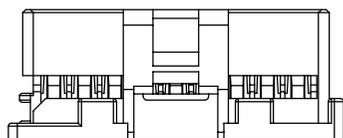
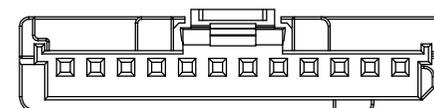
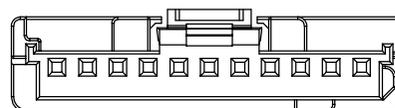
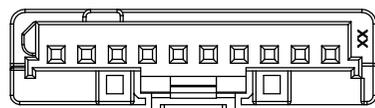
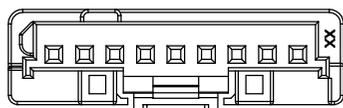
3Pin

4Pin

5Pin

6Pin

7Pin

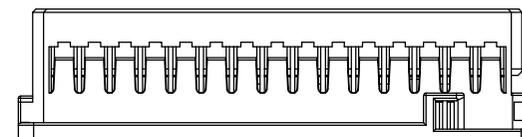
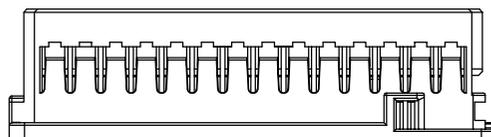
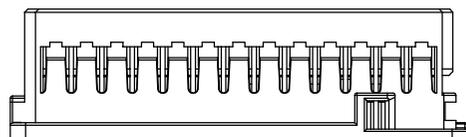
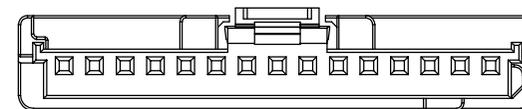
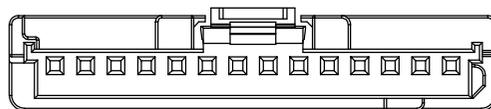
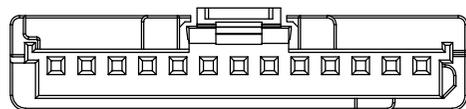


9Pin

10Pin

11Pin

12Pin



13Pin

14Pin

15Pin

PART NO.  
HO200\*\*--42401

产品代码HO:Hosing简写

产品间距:2.00mm

产品Pin位: 02-15

01: 预留码

4: 表示袋装

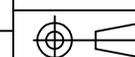
42: 带内扣Hosing

GENERAL TOLERANCE			UNITS	NAME(INTENDED USE)	TITLE:
SELECT	1	2	mm		
TOL.	1	2	3	Pitch 2.0mm	<b>ATOM</b> ® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO.,LTD.
ON.	1	2	3	PART NO.(INTENDED USE)	
X.XXX	±0.10	±0.15	±0.20	FINISH	HO200**--42401
X.XX	±0.15	±0.20	±0.25	Q'TY	APPD:
X.X	±0.20	±0.25	±0.30		CHKD:
X.	±0.25	±0.30	±0.50		DR: Frank
ANGLE	±2'				

**ATOM**® 深圳市爱特姆科技有限公司  
SHENZHEN ATOM TECHNOLOGY CO.,LTD.

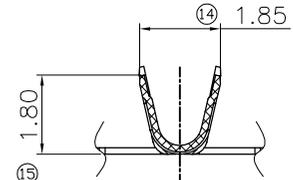
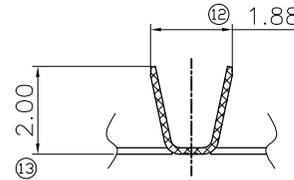
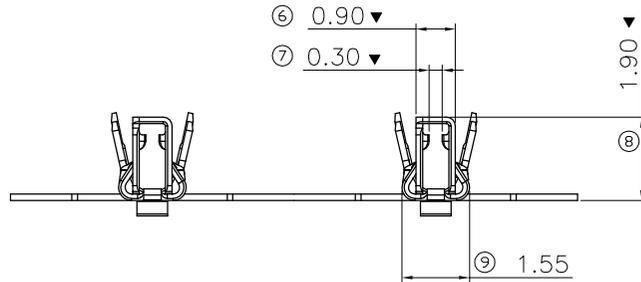
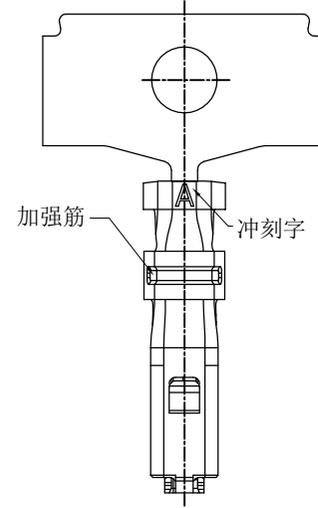
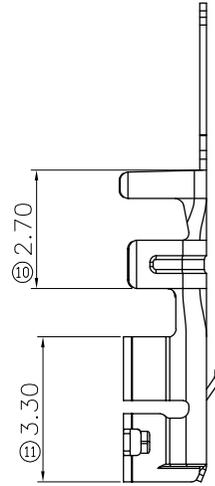
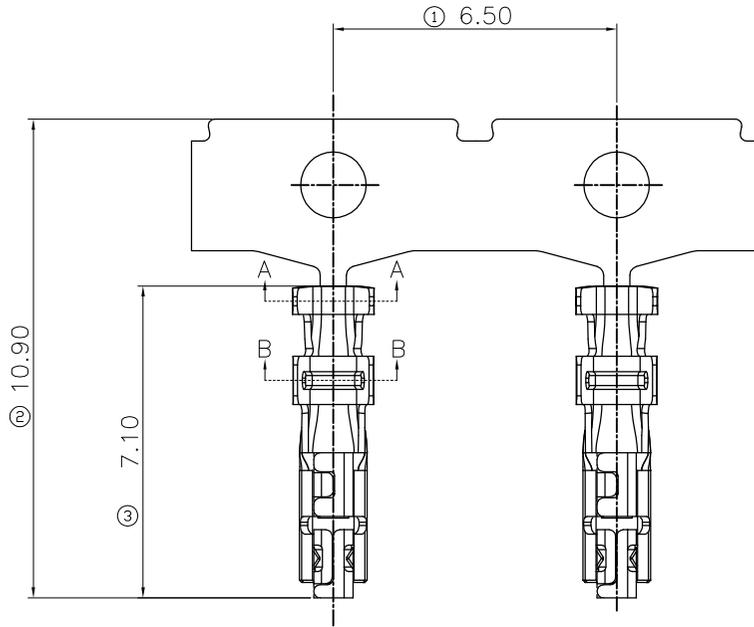
TITLE: Customer DRAWING FOR Housing 2.0  
XP 带内扣 胶芯

DWG NO.: ATOM-A09698



SCALE	SHEET	REV.
1:1	2/2	A0

REV.	DATE	ECN.NO	MODIFY.CONTENT
A0	2024.05.06		初版发行



Specifications:

- MATERIAL:C5191 T=0.15±0.01mm,
- Electrical Characteristics:
  - APPLICABLE WIRE:AWG.#22-#26
  - Voltage rating:125V AV/DC(rms)
  - Current rating:3A AC/DC
  - Withstanding voltage:500VAC/minute
  - Insulation resistance:1000 MΩ min
  - Contact resistance:20mΩ max
  - Pin Retention Force: 1Kgf/PIN MIN
- Working Temp:-40°C~+125°C
  - Storage Temperature: -25°C~+85°C  
70%R.H.Max.(No Condensation)
- MAJOR DIMENSION:▼
- Products meet ROHS environmental requirements

PART NO.  
TR2003601\*\*201

产品代码TR:Terminal筒写  
产品间距:2.00mm

01: 预留码  
02: 表示卷装

36:带内扣端子  
01:磷铜C5191  
51:镍底,整体镀亮锡  
16:镍底30-50u",接触区域镀金3u".

GENERAL TOLERANCE				UNITS	
SELECT		✓		mm	
TOL	1	2	3	MAT'L	
X.XXX	±0.10	±0.15	±0.20	FINISH	
X.XX	±0.15	±0.20	±0.25	Q'TY	
X.X	±0.20	±0.25	±0.30		
X.	±0.25	±0.30	±0.50		
ANGLE	±2'				

Section:A-A

Section:B-B

NAME(INTENDED USE)	Pitch 2.0mm
PART NO.(INTENDED USE)	TR2003601**201
APPD:	
CHKD:	
DR:	Frank

**ATOM** 深圳市爱特姆科技有限公司  
SHENZHEN ATOM TECHNOLOGY CO.,LTD.

TITLE: Customer DRAWING FOR Pitch 2.0mm 带内扣 铆线端子

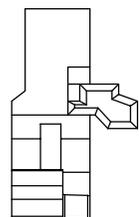
DWG NO.: ATOM-A09700



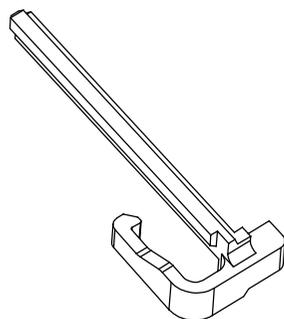
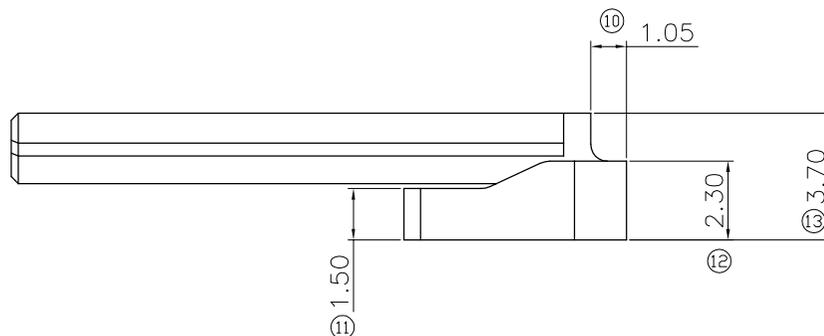
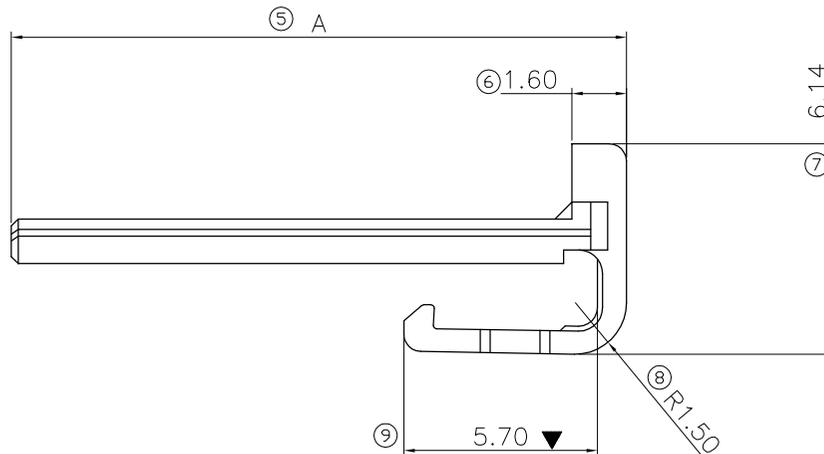
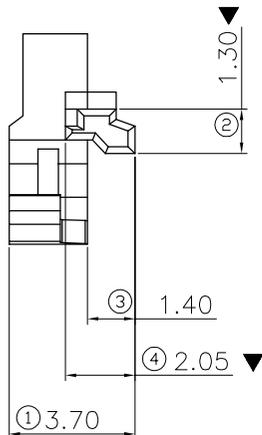
SCALE	SHEET	REV.
1:1	1/1	A0

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV.	DATE	ECN.NO	MODIFY.CONTENT
A0	2024.05.08		初版发行



2Pin



3D View

PART NO.  
HO200\*\*-43401

- 产品代码HO:Hosing简写
- 产品间距:2.00mm
- 产品Pin位: 02-15
- 01: 预留码
- 4: 表示袋装
- 43: 带内扣胶塞

极数	尺寸
A	
2	6.10
3	8.10
4	10.10
5	12.10
6	14.10
7	16.10
8	18.10
9	20.10
10	22.10
11	24.10
12	26.10
13	28.10
14	30.10
15	32.10

Specifications:

- MATERIAL:PBT UL94 V-0 Gray,
- Working Temp:-40°C~+125°C
- Storage Temperature: -25°C~+85°C  
70%R.H.Max.(No Condensation)
- MAJOR DIMENSION:▼
- Products meet ROHS environmental requirements

GENERAL TOLERANCE				UNITS	NAME(INTENDED USE)	
SELECT		✓		mm	Pitch 2.0mm	
TOL.	1	2	3	MAT'L	PART NO.(INTENDED USE)	
X.XXX	±0.10	±0.15	±0.20	FINISH	HO200**-43401	
X.XX	±0.15	±0.20	±0.25		APPD:	TITLE: Customer DRAWING FOR Pitch 2.0 XP 带内扣 胶塞
X.X	±0.20	±0.25	±0.30	Q'TY	CHKD:	DWG NO.:
X.	±0.25	±0.30	±0.50		DR: Frank	ATOM-A09699
ANGLE	±2'				SCALE SHEET REV.	
					1:1 1/1 A0	

**ATOM** 深圳市爱特姆科技有限公司  
SHENZHEN ATOM TECHNOLOGY CO.,LTD.