

1 2 3 4 5 6 7 8

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

A

B

C

D

E

1 2 3 4 5 6 7 8

1.25±0.1

6.1±0.2

1.25±0.1

0.35±0.1

A±0.2

B±0.3

0.8±0.1

7.25±0.2

0.6±0.1

4.8±0.2

6.95±0.2

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

2.0±0.1

1.25±0.1

1.85±0.1

ø1.0±0.05

2.2±0.1

2.0

0.7

1.25

4.3±0.1

4.6±0.1

1.7

P.C.B LAYOUT

GENERAL TOLERANCE

SELECT	1	2	3
ON.	✓		
TOL.	±0.10	±0.05	±0.15
X.XXX	±0.10	±0.05	±0.15
X.XX	±0.20	±0.13	±0.25
X.X	±0.30	±0.25	±0.50
X.		±0.38	±1.00
ANGLE			

UNITS mm

MAT'L

FINISH

Q'TY

NAME: WF

PART NO: WF125**-05***

APPD: MIKE

CHKD: Vicky

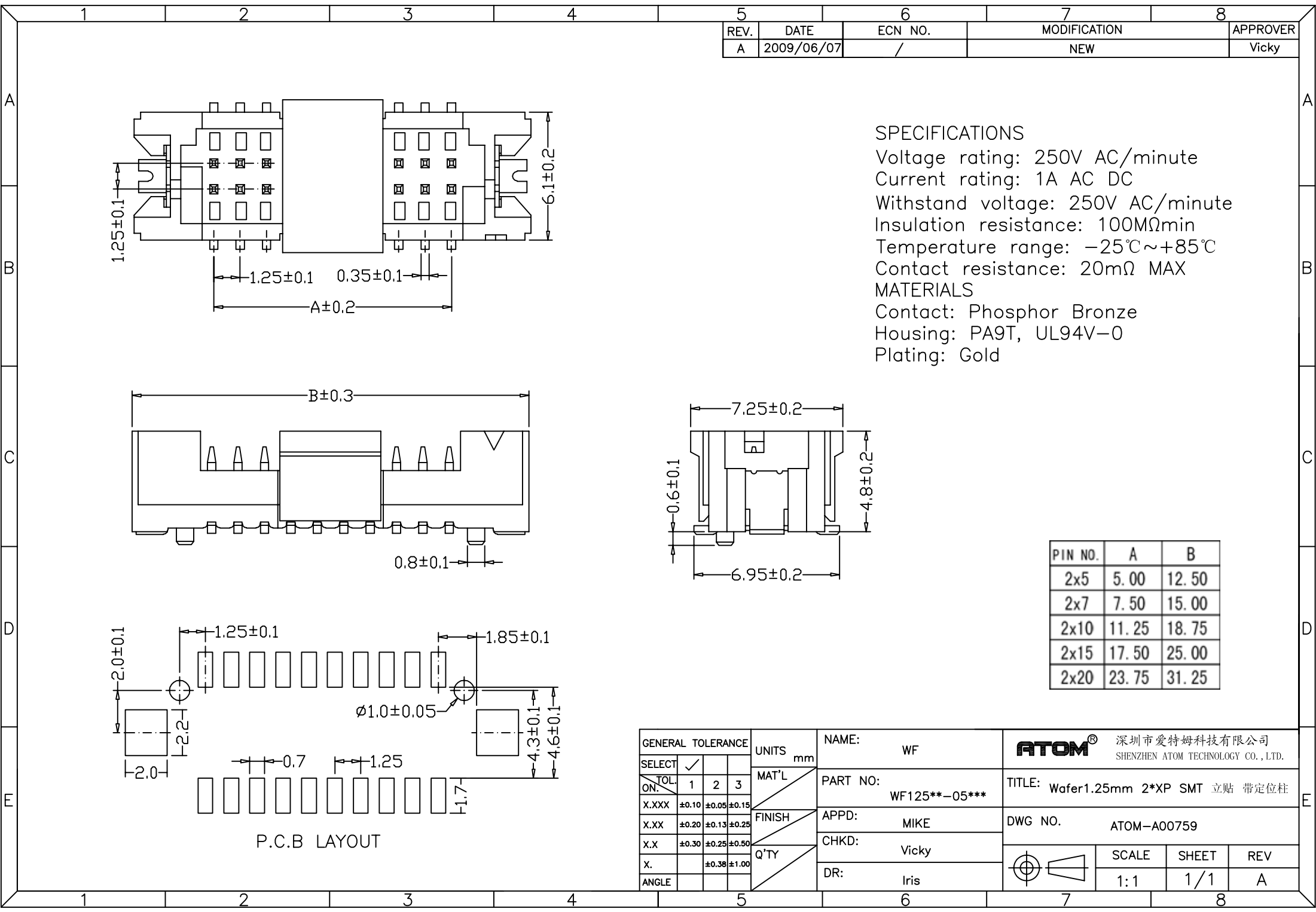
DR: Iris

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

TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱

DWG NO. ATOM-A00759

SCALE	SHEET	REV
1:1	1/1	A

[illegible]

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

P.C.B LAYOUT

SPECIFICATIONS

Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:
SELECT	✓			mm	WF
ON.	TOL.	1	2	MAT'L	PART NO:
X.XXX	±0.10	±0.05	±0.15	FINISH	APPD:
X.XX	±0.20	±0.13	±0.25	Q'TY	CHKD:
X.X	±0.30	±0.25	±0.50		DR:
X.		±0.38	±1.00		
ANGLE					

TITLE:		DWG NO.		
Wafer1.25mm 2*XP SMT 立贴 带定位柱		ATOM-A00759		
	SCALE	SHEET	REV	
	1:1	1/1	A	

1	2	3	4	5	6	7	8	
				REV.	DATE	ECN NO.	MODIFICATION	APPROVER
				A	2009/06/07	/	NEW	Vicky

Top view of the wafer showing dimensions: 1.25±0.1, 0.35±0.1, A±0.2, 6.1±0.2.

SPECIFICATIONS

Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

Side view of the wafer showing dimensions: B±0.3, 0.8±0.1.

Front view of the wafer showing dimensions: 7.25±0.2, 0.6±0.1, 4.8±0.2, 6.95±0.2.

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:
SELECT	TOL.	1	2	mm	WF
ON.	✓				
X.XXX	±0.10	±0.05	±0.15	MAT'L	PART NO: WF125**-05***
X.XX	±0.20	±0.13	±0.25	FINISH	APPD: MIKE
X.X	±0.30	±0.25	±0.50	Q'TY	CHKD: Vicky
X.		±0.38	±1.00		DR: Iris
ANGLE					

TITLE:		Wafer1.25mm 2*XP SMT 立贴 带定位柱		
DWG NO.		ATOM-A00759		
⊙	SCALE	SHEET	REV	
	1:1	1/1	A	

▶

1	2	3	4	5	6	7	8	
				REV.	DATE	ECN NO.	MODIFICATION	APPROVER
				A	2009/06/07	/	NEW	Vicky

Top view dimensions:

- Pin pitch: 1.25 ± 0.1 mm
- Central pad width: 0.35 ± 0.1 mm
- Total width: A ± 0.2 mm
- Overall height: 6.1 ± 0.2 mm

SPECIFICATIONS

Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

Side view dimensions:

- Wafer thickness: B ± 0.3 mm
- Mounting hole diameter: 0.8 ± 0.1 mm

Front view dimensions:

- Wafer length: 7.25 ± 0.2 mm
- Mounting hole offset: 0.6 ± 0.1 mm
- Mounting hole diameter: 4.8 ± 0.2 mm
- Wafer width: 6.95 ± 0.2 mm

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT dimensions:

- Pad diameter: 1.0 ± 0.05 mm
- Pad pitch: 1.25 mm
- Pad offset: 0.7 mm
- Mounting hole diameter: 4.3 ± 0.1 mm
- Mounting hole offset: 4.6 ± 0.1 mm

GENERAL TOLERANCE				UNITS	NAME:
SELECT	TOL.	1	2	mm	WF
ON.	✓				
X.XXX	±0.10	±0.05	±0.15	MAT'L	PART NO: WF125**-05***
X.XX	±0.20	±0.13	±0.25	FINISH	APPD: MIKE
X.X	±0.30	±0.25	±0.50	Q'TY	CHKD: Vicky
X.		±0.38	±1.00		DR: Iris
ANGLE					

SCALE
1:1

TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱

1	2	3	4	5	6	7	8	
				REV. A	DATE 2009/06/07	ECN NO. /	MODIFICATION NEW	APPROVER Vicky

Top view drawing showing dimensions: 1.25±0.1, 0.35±0.1, A±0.2, 6.1±0.2.

SPECIFICATIONS

Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

Side view drawing showing dimensions: B±0.3, 0.8±0.1.

Front view drawing showing dimensions: 7.25±0.2, 0.6±0.1, 4.8±0.2, 6.95±0.2.

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT drawing showing dimensions: 2.0±0.1, 1.25±0.1, 1.85±0.1, 2.2±0.1, 2.0, 0.7, 1.25, 1.7, 4.3±0.1, 4.6±0.1, Ø1.0±0.05.

GENERAL TOLERANCE				UNITS	NAME:
SELECT	TOL.	1	2	mm	WF
ON.	✓				
X.XXX	±0.10	±0.05	±0.15	MAT'L	PART NO: WF125**-05***
X.XX	±0.20	±0.13	±0.25	FINISH	APPD: MIKE
X.X	±0.30	±0.25	±0.50	Q'TY	CHKD: Vicky
X.		±0.38	±1.00		DR: Iris
ANGLE					

		深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
		TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱		
		DWG NO.	ATOM-A00759	
		SCALE	SHEET	REV
		1:1	1/1	A

[illegible][illegible][illegible]

1	2	3	4	5	6	7	8	
				REV.	DATE	ECN NO.	MODIFICATION	APPROVER
				A	2009/06/07	/	NEW	Vicky

Top view drawing of the wafer component showing dimensions: 1.25±0.1, 0.35±0.1, A±0.2, 6.1±0.2.

SPECIFICATIONS

Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

Side view drawing of the wafer component showing dimensions: B±0.3, 0.8±0.1.

Front view drawing of the wafer component showing dimensions: 7.25±0.2, 0.6±0.1, 4.8±0.2, 6.95±0.2.

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT drawing showing dimensions: 2.0±0.1, 1.25±0.1, 1.85±0.1, 0.7, 1.25, 1.7, 4.3±0.1, 4.6±0.1, 2.2, 2.0, 1.0±0.05.

GENERAL TOLERANCE				UNITS	mm	NAME:	WF	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	TOL.	1	2	3	MAT'L	PART NO:	WF125**-05***	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱			
X.XXX	±0.10	±0.05	±0.15		FINISH	APPD:	MIKE	DWG NO. ATOM-A00759			
X.XX	±0.20	±0.13	±0.25			CHKD:	Vicky	SCALE 1:1 SHEET 1/1 REV A			
X.X	±0.30	±0.25	±0.50		Q'TY	DR:	Iris				
X.		±0.38	±1.00								
ANGLE											

1 2 3 4 5 6 7 8

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

A

B

C

D

E

1 2 3 4 5 6 7 8

1.25±0.1

6.1±0.2

1.25±0.1

0.35±0.1

A±0.2

SPECIFICATIONS

Voltage rating: 250V AC/minute

Current rating: 1A AC DC

Withstand voltage: 250V AC/minute

Insulation resistance: 100MΩmin

Temperature range: -25℃~+85℃

Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze

Housing: PA9T, UL94V-0

Plating: Gold

B±0.3

0.8±0.1

7.25±0.2

0.6±0.1

4.8±0.2

6.95±0.2

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

2.0±0.1

1.25±0.1

1.85±0.1

ø1.0±0.05

4.3±0.1

4.6±0.1

2.2±0.1

2.0

0.7

1.25

1.7

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.					
SELECT	TOL.	1	2	3	mm	WF	PART NO:	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱			
ON.							WF125**-05***				
X.XXX	±0.10	±0.05	±0.15				APPD: MIKE	DWG NO. ATOM-A00759			
X.XX	±0.20	±0.13	±0.25				CHKD: Vicky				
X.X	±0.30	±0.25	±0.50				DR: Iris				
X.		±0.38	±1.00								
ANGLE											

SCALE 1:1

SHEET 1/1

REV A

1 2 3 4 5 6 7 8

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

A

B

C

D

E

1 2 3 4 5 6 7 8

1.25±0.1

6.1±0.2

1.25±0.1

0.35±0.1

A±0.2

SPECIFICATIONS

Voltage rating: 250V AC/minute

Current rating: 1A AC DC

Withstand voltage: 250V AC/minute

Insulation resistance: 100MΩmin

Temperature range: -25℃~+85℃

Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze

Housing: PA9T, UL94V-0

Plating: Gold

B±0.3

0.8±0.1

7.25±0.2

0.6±0.1

4.8±0.2

6.95±0.2

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

2.0±0.1

1.25±0.1

1.85±0.1

ø1.0±0.05

4.3±0.1

4.6±0.1

2.2±0.1

2.0

0.7

1.25

1.7

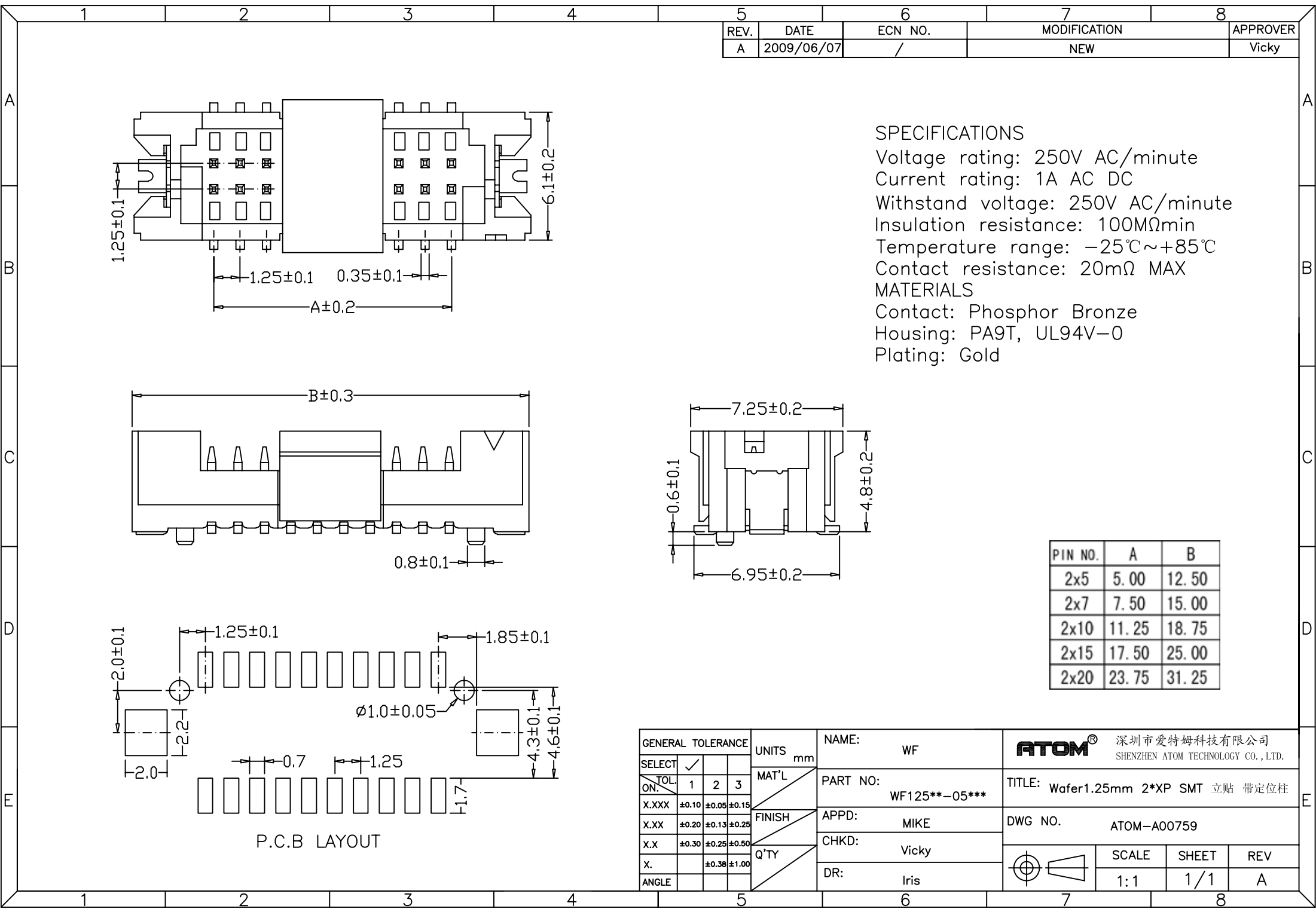
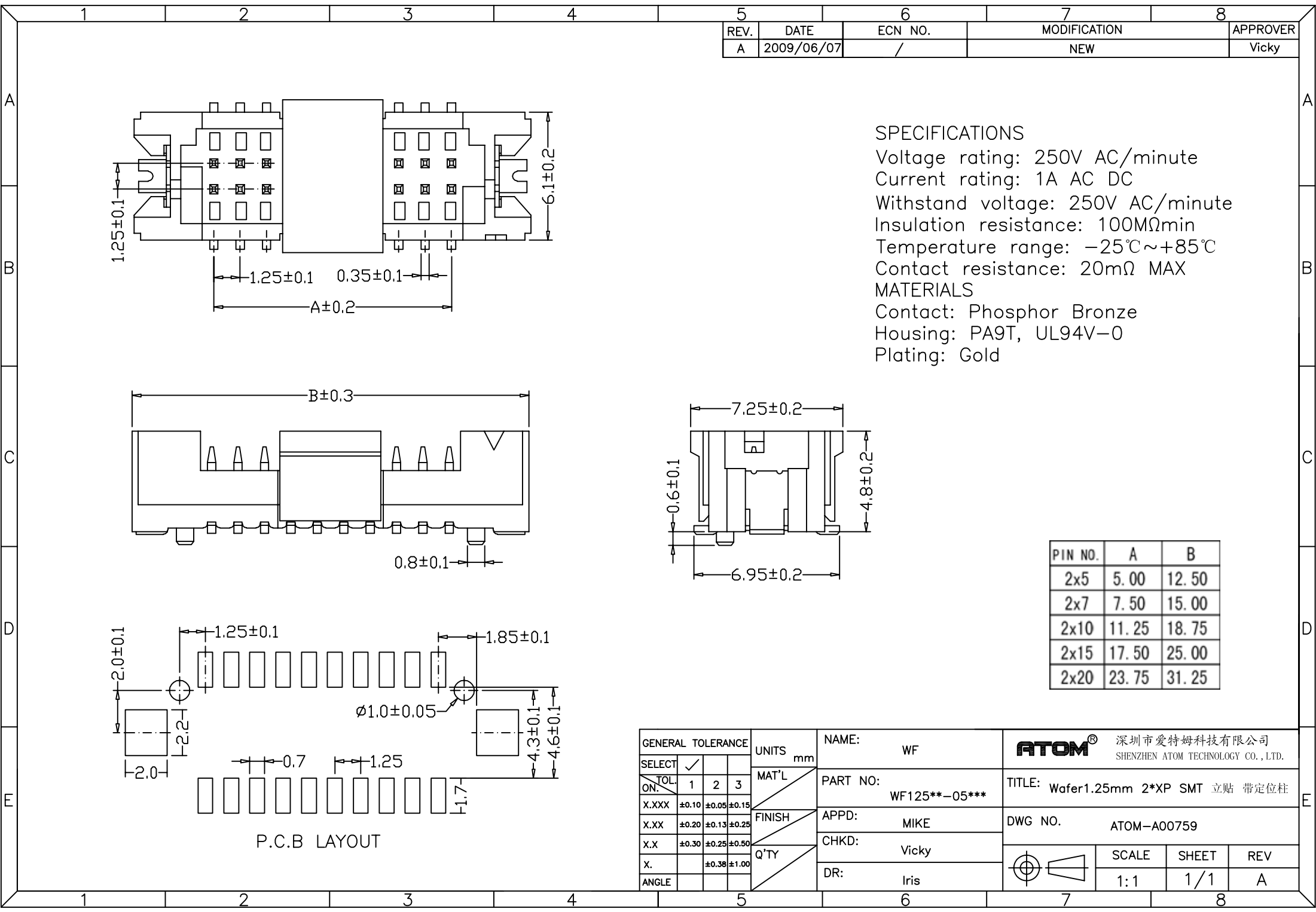
P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.					
SELECT	TOL.	1	2	3	mm	WF	PART NO:	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱			
ON.							WF125**-05***				
X.XXX	±0.10	±0.05	±0.15				APPD: MIKE	DWG NO. ATOM-A00759			
X.XX	±0.20	±0.13	±0.25				CHKD: Vicky				
X.X	±0.30	±0.25	±0.50				DR: Iris				
X.		±0.38	±1.00								
ANGLE											

SCALE 1:1

SHEET 1/1

REV A



5	7	8		
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

SPECIFICATIONS

Voltage rating: 250V AC/minute

Current rating: 1A AC DC

Withstand voltage: 250V AC/minute

Insulation resistance: 100MΩmin

Temperature range: -25℃~+85℃

Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze

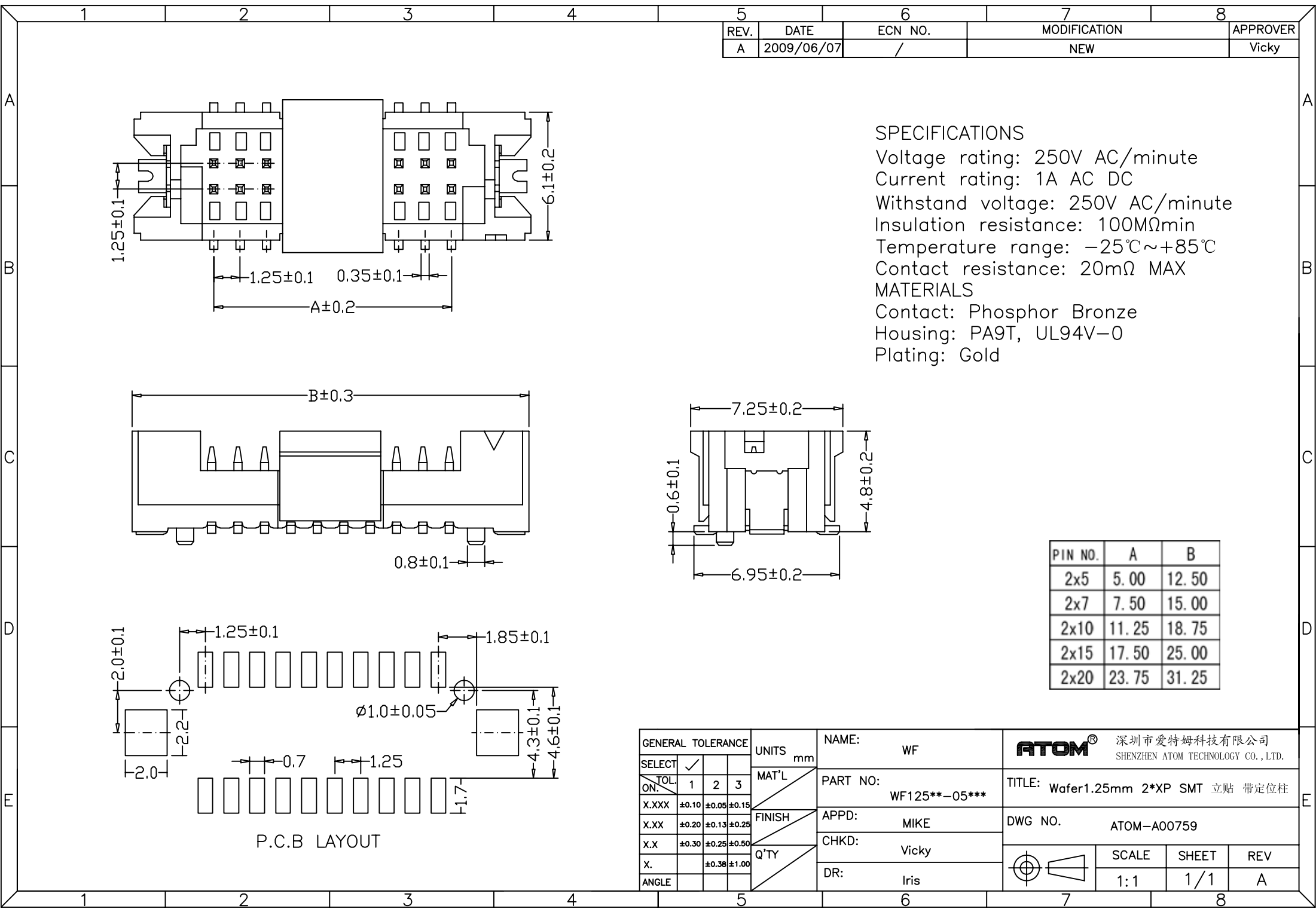
Housing: PA9T, UL94V-0

Plating: Gold

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	mm	NAME:	WF	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	✓			MAT'L		PART NO:	WF125**-05***	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱			
ON.	TOL.	1	2			3	APPD:	MIKE	DWG NO. ATOM-A00759		
X.XXX	±0.10	±0.05	±0.15	FINISH		CHKD:	Vicky		SCALE	SHEET	REV
X.XX	±0.20	±0.13	±0.25			Q'TY			DR:	Iris	1:1
X.X	±0.30	±0.25	±0.50								
X.		±0.38	±1.00								
ANGLE											



1 2 3 4 5 6 7 8

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

A

B

C

D

E

1 2 3 4 5 6 7 8

1.25±0.1

6.1±0.2

1.25±0.1

0.35±0.1

A±0.2

SPECIFICATIONS

Voltage rating: 250V AC/minute

Current rating: 1A AC DC

Withstand voltage: 250V AC/minute

Insulation resistance: 100MΩmin

Temperature range: -25℃~+85℃

Contact resistance: 20mΩ MAX

MATERIALS

Contact: Phosphor Bronze

Housing: PA9T, UL94V-0

Plating: Gold

B±0.3

0.8±0.1

7.25±0.2

0.6±0.1

4.8±0.2

6.95±0.2

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

2.0±0.1

1.25±0.1

1.85±0.1

ø1.0±0.05

4.3±0.1

4.6±0.1

2.2±0.1

2.0

0.7

1.25

1.7

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.					
SELECT	TOL.	1	2	3	mm	WF	PART NO:	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱			
ON.							WF125**-05***				
X.XXX	±0.10	±0.05	±0.15				APPD: MIKE	DWG NO. ATOM-A00759			
X.XX	±0.20	±0.13	±0.25				CHKD: Vicky				
X.X	±0.30	±0.25	±0.50				DR: Iris				
X.		±0.38	±1.00								
ANGLE											

SCALE 1:1

SHEET 1/1

REV A

REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2009/06/07	/	NEW	Vicky

SPECIFICATIONS
Voltage rating: 250V AC/minute
Current rating: 1A AC DC
Withstand voltage: 250V AC/minute
Insulation resistance: 100MΩmin
Temperature range: -25℃~+85℃
Contact resistance: 20mΩ MAX
MATERIALS
Contact: Phosphor Bronze
Housing: PA9T, UL94V-0
Plating: Gold

PIN NO.	A	B
2x5	5.00	12.50
2x7	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25

P.C.B LAYOUT

GENERAL TOLERANCE				UNITS	NAME:	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	✓			mm	WF	PART NO:	TITLE: Wafer1.25mm 2*XP SMT 立贴 带定位柱		
ON.		1	2	3		WF125**-05***			
X.XXX	±0.10	±0.05	±0.15			APPD: MIKE	DWG NO. ATOM-A00759		
X.XX	±0.20	±0.13	±0.25			CHKD: Vicky			
X.X	±0.30	±0.25	±0.50			DR: Iris			
X.		±0.38	±1.00						
ANGLE									