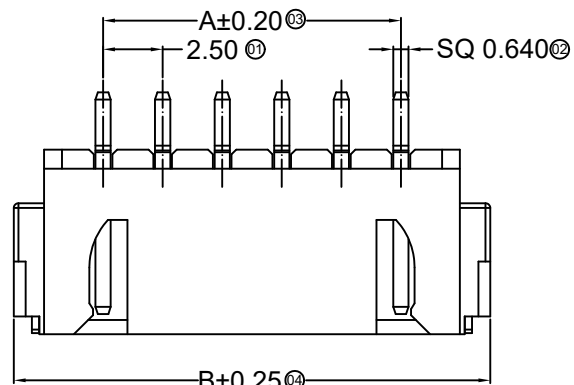
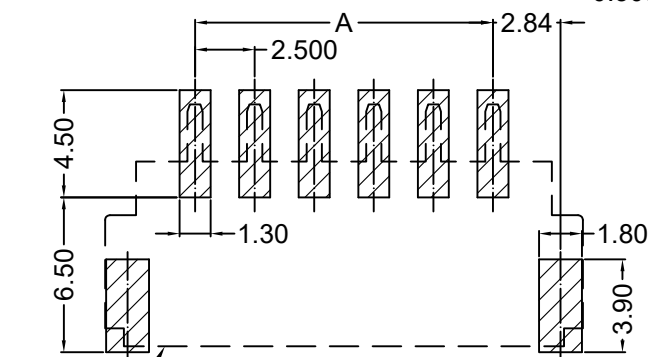
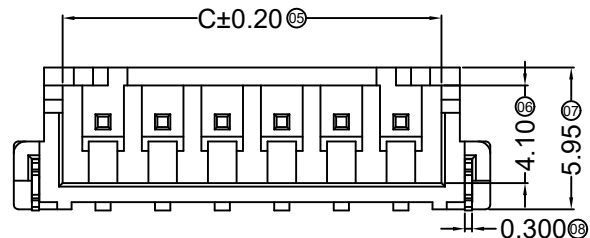
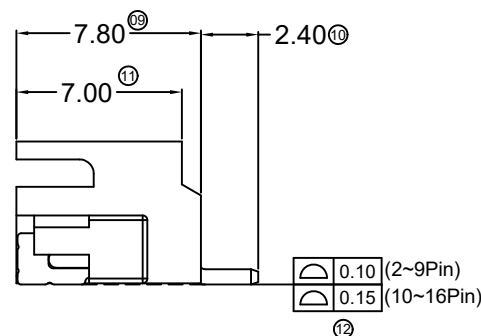
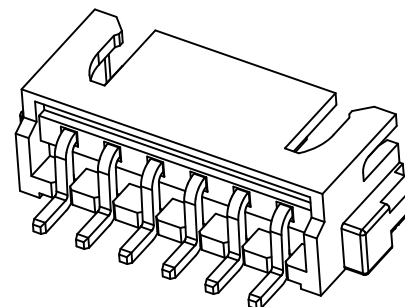


3P~16P Shape
SCALE 1:1Conn.line
Recommended P.C.B Layout
General Tolerance±0.052P Shape
SCALE 1:1

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

8821 W R S-XX X-LP XX XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: R-Right Angle 90°
④ Welding Way: S-SMT
⑤ Row No.-Pin No.: XX-02P~16P
⑥ Plug the Pin & Special No.:
⑦ Material: LP -LCP UL 94V-0
⑧ Plating Category: SN-Bright Tin Plating
V01-All Gold Flash
⑨ Color : Blank-Natural Color

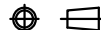
Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.50	10.00	5.90	10	22.50	30.00	25.90
03	5.00	12.50	8.40	11	25.00	32.50	28.40
04	7.50	15.00	10.90	12	27.50	35.00	30.90
05	10.00	17.50	13.40	13	30.00	37.50	33.40
06	12.50	20.00	15.90	14	32.50	40.00	35.90
07	15.00	22.50	18.40	15	35.00	42.50	38.40
08	17.50	25.00	20.90	16	37.50	45.00	40.90
09	20.00	27.50	23.40				

8821WRS-XX-LPV01	LCP UL 94V-0	Brass	Gold Flash	Tin-Plated	8821H
8821WRS-XX-LPSN			Tin-Plated	Tin-Plated	
PART NO	Material	Material(Pin And Solder Tabs)	Finish(Pin)	Finish(Solder Tabs)	Mates With ADZL Housing

GENERAL TOLERANCE

.X	±0.30
.XX	±0.20
.XXX	±0.10

PROJECT

ADZL 东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL CHECK DRAWN DATA

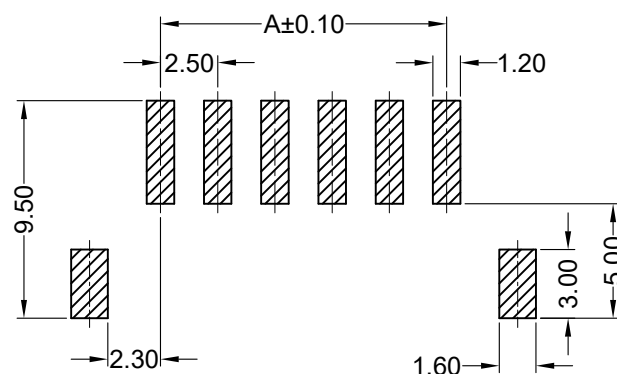
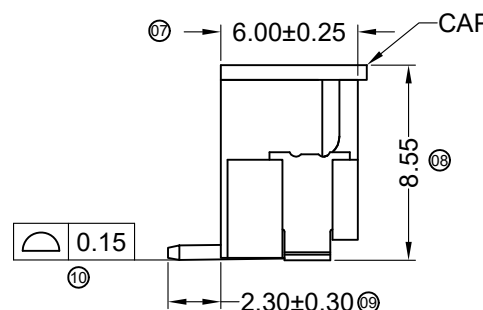
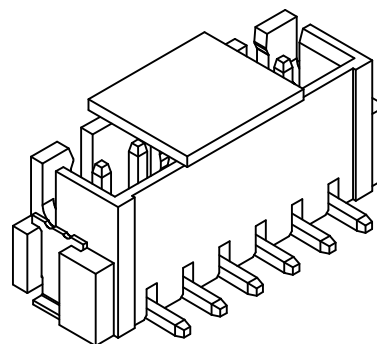
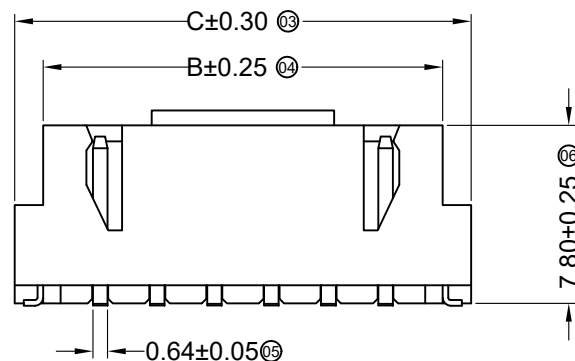
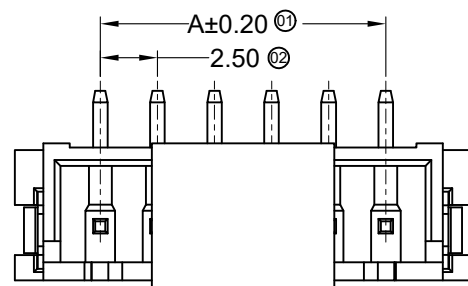
Ken Zhao Hong Allen 2017/10/27

PART NO. 8821WRS-XX-LPXXX

TITLE 2.50mm Crimp Style Connector

UNIT SCALE NUMBER REV
MM 1:1

DATE OLD REV NEW REV ECN DESCRIPTION CHECK APPROVAL



PCB LAYOUT

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

8821 W V S-XX X -LP SN XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: V-180°
④ Welding Way: S-SMT
⑤ Row No.-Pin No.: XX-Single Row
⑥ Plug the Pin & Special No.:
⑦ Material: LP -LCP 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color: Blank-Natural Color

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	2.50	7.50	10.00	08	17.50	22.50	25.00
03	5.00	10.00	12.50	09	20.00	25.00	27.50
04	7.50	12.50	15.00	10	22.50	27.50	30.00
05	10.00	15.00	17.50	11	25.00	30.00	32.50
06	12.50	17.50	20.00	12	27.50	32.50	35.00
07	15.00	20.00	22.50	20	47.50	52.50	55.00

8821WVS-XX-LPSN	LCP UL 94V-0	Brass	Tin-Plated	Phosphore Bronze	Tin-Plated	8821H
PART NO	Material	Material(Pin)	Finish(Pin)	Material (Solder Tabs)	Finish (Solder Tabs)	Mates With ADZL Housing

GENERAL TOLERANCE

.X ±0.30
.XX ±0.20
.XXX ±0.10

PROJECT



东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL CHECK DRAWN DATA

Ken Zhao Hong Allen 2019/06/10

PART NO. 8821WVS-XX-LPSN

TITLE 2.50mm Crimp Style Connectors

UNIT SCALE NUMBER REV
MM 1 : 1

DATE

OLD REV

NEW REV

ECN

DESCRIPTION

CHECK

APPROVAL

1

2

3

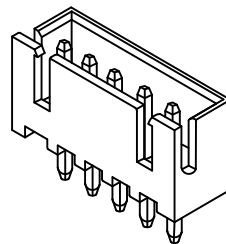
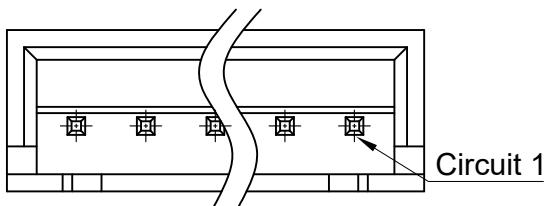
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5

6

7

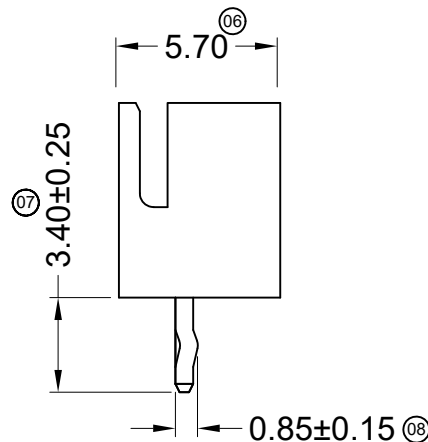
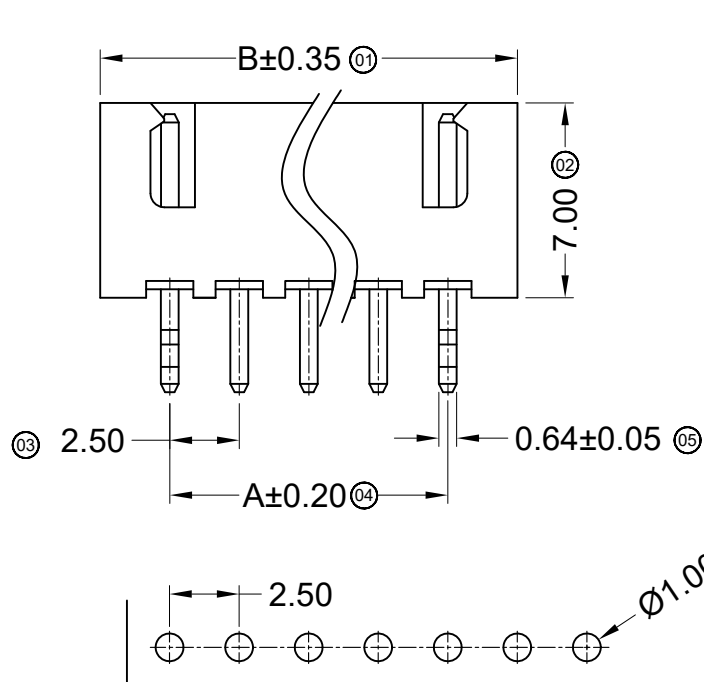
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**Specifications :**

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

8821 W V X-XX K -N0 SN XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: V- 180°
④ Welding Way: Blank-DIP ;
⑤ Row No.-Pin No.: XX-Single Row ;
⑥ Plug the Pin & Special No.: K1-ReverseKINK
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color RE-Red
GE-Green BL-Blue BK-Black



Recommended P.C.B Layout
General Tolerance ± 0.05

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	2.50	7.50	12	27.50	32.50
03	5.00	10.00	13	30.00	35.00
04	7.50	12.50	14	32.50	37.50
05	10.00	15.00	15	35.00	40.00
06	12.50	17.50	16	37.50	42.50
07	15.00	20.00	17	40.00	45.00
08	17.50	22.50	18	42.50	47.50
09	20.00	25.00	19	45.00	50.00
10	22.50	27.50	20	47.50	52.50
11	25.00	30.00			

8821WV-XXK-N0SNXX	Nylon 66 UL 94V-0	Brass	Tin-Plated	8821H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With ADZL Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	

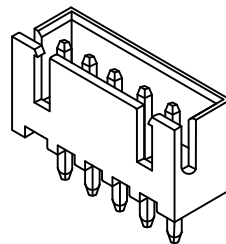
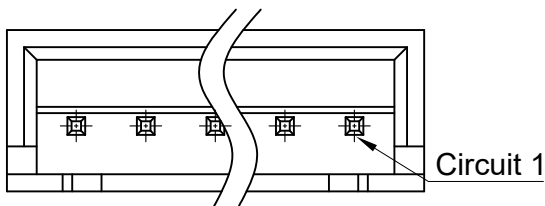
GENERAL
TOLERANCE
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10



ADZL 东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2022/05/15

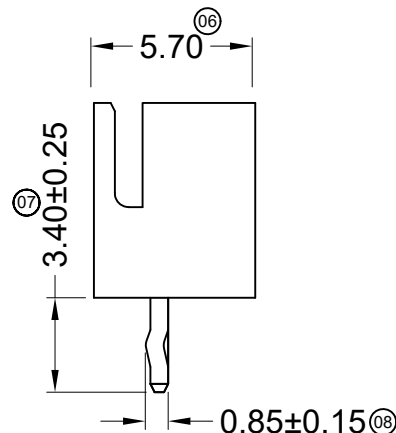
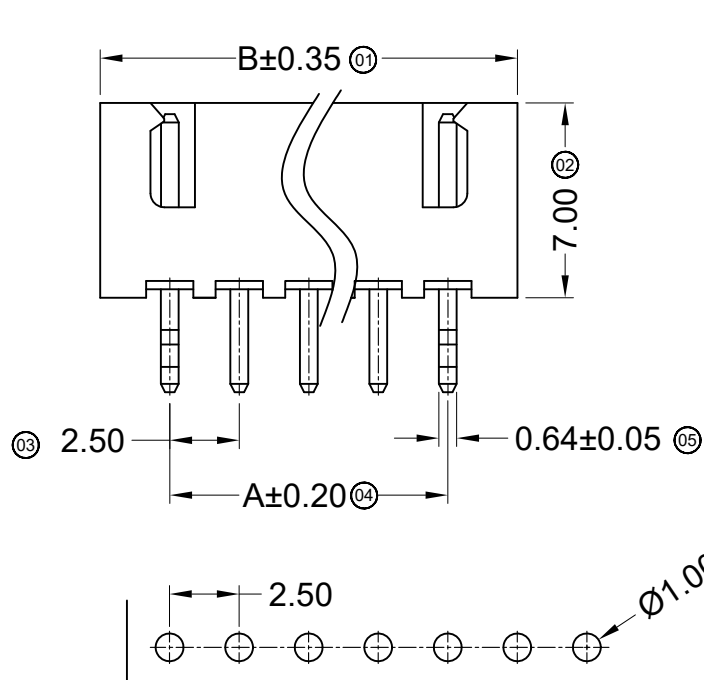
PART NO. 8821WV-XXK-N0SNXX			
TITLE 2.50mm Crimp style Connector			
UNIT MM	SCALE 1:1	NUMBER	REV

**Specifications :**

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

8821 W V X-XX K1 -N0 SN XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: V- 180°
④ Welding Way: Blank-DIP ;
⑤ Row No.-Pin No.: XX-Single Row ;
⑥ Plug the Pin & Special No.: K1-ReverseKINK
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color RE-Red
GE-Green BL-Blue BK-Black



Recommended P.C.B Layout
General Tolerance ± 0.05

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	2.50	7.50	12	27.50	32.50
03	5.00	10.00	13	30.00	35.00
04	7.50	12.50	14	32.50	37.50
05	10.00	15.00	15	35.00	40.00
06	12.50	17.50	16	37.50	42.50
07	15.00	20.00	17	40.00	45.00
08	17.50	22.50	18	42.50	47.50
09	20.00	25.00	19	45.00	50.00
10	22.50	27.50	20	47.50	52.50
11	25.00	30.00			

8821WV-XXK1-N0SNXX	Nylon 66 UL 94V-0	Brass	Tin-Plated	8821H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With ADZL Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	

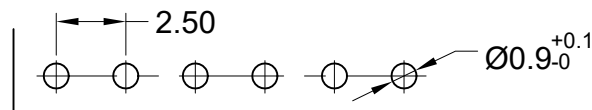
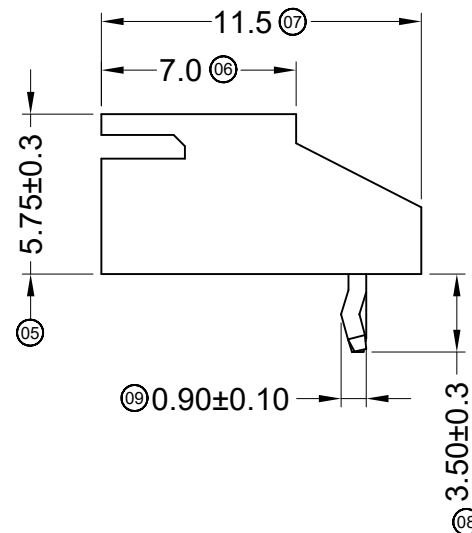
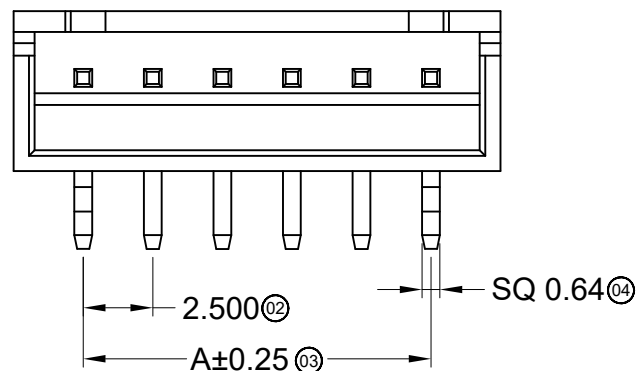
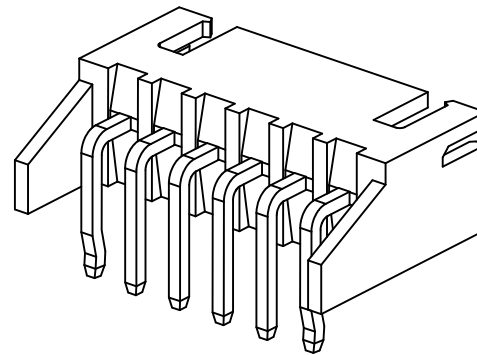
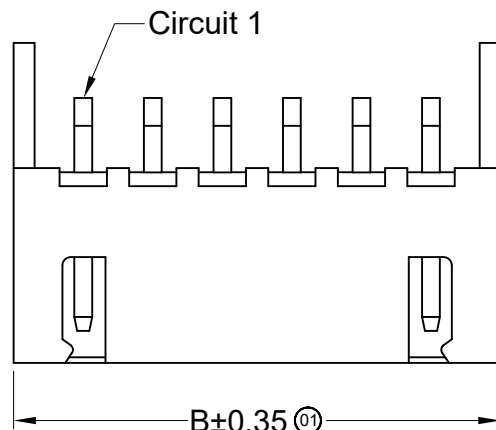
GENERAL TOLERANCE
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10



ADZL 东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2022/05/15

PART NO. 8821WV-XXK1-N0SNXX			
TITLE 2.50mm Crimp style Connector			
UNIT MM	SCALE 1:1	NUMBER	REV



Recommended P.C.B Layout
General Tolerance±0.05

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

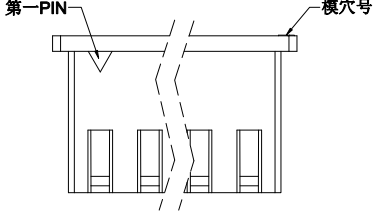
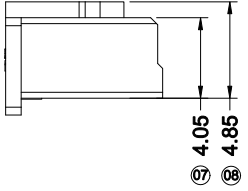
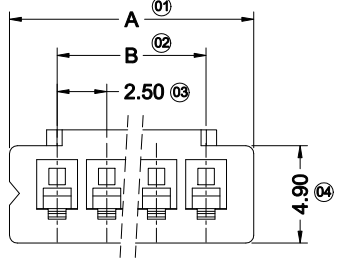
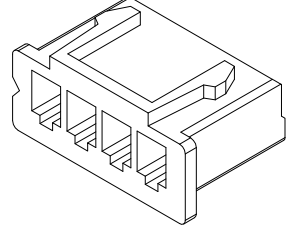
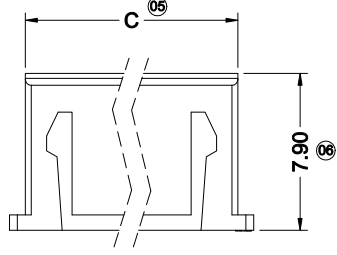
8821 W R X-XX K -N0 SN XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: R-Right Angle 90°
④ Welding Way: Blank-DIP ;
⑤ Row No.-Pin No.: XX-Single Row ;
⑥ Plug the Pin & Special No.: K-KINK
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color RE-Red
GE-Green BL-Blue BK-Black

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	2.50	7.50	12	27.50	32.50
03	5.00	10.00	13	30.00	35.00
04	7.50	12.50	14	32.50	37.50
05	10.00	15.00	15	35.00	40.00
06	12.50	17.50	16	37.50	42.50
07	15.00	20.00	17	40.00	45.00
08	17.50	22.50	18	42.50	47.50
09	20.00	25.00	19	45.00	50.00
10	22.50	27.50	20	47.50	52.50
11	25.00	30.00			

8821WR-XXK-N0SNXX	Nylon 66 UL 94V-0	Brass	Tin-Plated	8821H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With ADZL Housing

							GENERAL TOLERANCE	 东莞市思量连接器有限公司 DONGGUAN ADZL CONNECTORS CO.,LTD.				PART NO. 8821WR-XXK-N0SNXX			
							.X ±0.30					TITLE 2.50mm Crimp style Connector			
							.XX ±0.20								
							.XXX ±0.10								
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATA	UNIT MM	SCALE 1:1	NUMBER	REV
1									Ken	Zhao Hong	Allen	2017/05/03			



■ Specifications :

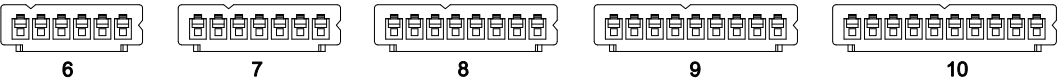
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

8821 H - XX - N0 XX XX - 01
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.: 8821
- ② Category: H - Housing
- ③ Row No.-Pin No: XX - Single Row XXPin
- ④ Plastic material: N0 - PA66 UL94V-0
- ⑤ RoHS: HF - Halogen Free
- ⑥ Color: Blank - White
- ⑦ Mold No./Mark/Special No.

Pos	DIM A	DIM B	DIM C	Pos	DIM A	DIM B	DIM C
2	7.30	2.50	5.70	10	27.30	22.50	25.70
3	9.80	5.00	8.20	11	29.80	25.00	28.20
4	12.30	7.50	10.70	12	32.30	27.50	30.70
5	14.80	10.00	13.20	13	34.80	30.00	33.20
6	17.30	12.50	15.70	14	37.30	32.50	35.70
7	19.80	15.00	18.20	15	39.80	35.00	38.20
8	22.30	17.50	20.70	16	42.30	37.50	40.70
9	24.80	20.00	23.20				

8821H-XX-N0XX-01	PA66 UL94V-0	8821T	8821W
PART NO.	Material	Suitable ADZL Terminal	Mates With ADZL Wafer



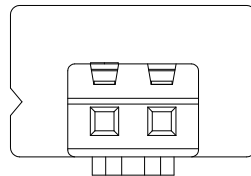
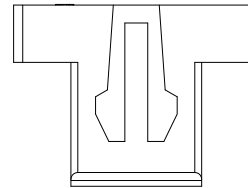
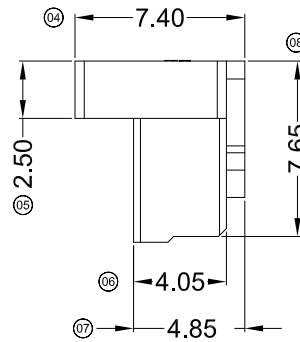
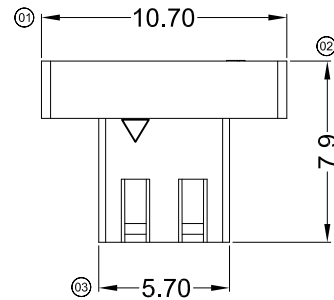
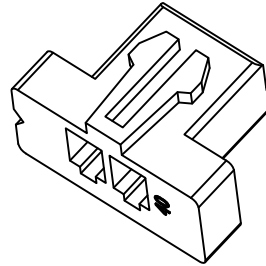
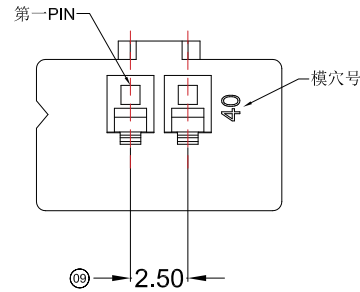
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10

 东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	CK	Sunny	2025/07/15

PART NO. 8821H-XX-N0XX-01			
TITLE 2.50mm Crimp style Housing			
UNIT MM	SCALE 1:1	NUMBER	REV



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$

8821 H X -XX T -N0 BK
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: Blank-Ordinary
- ④ Row No.-Pin No.: XX-Single Row
- ⑤ Plug the Pin & Special No. T-thickening
- ⑥ Material : N0-PA66 94V-0
- ⑦ Color: Bk : Black

8821H-02T-N0BK	Nylon 66 UL94V-0	8821T	8821W、8821HF
PART NO	Material	Suitable ADZL Terminal	Mates With ADZL Wafer Or Housing

							GENERAL TOLERANCE X ±0.30 .XX ±0.20 .XXX ±0.10	 东莞市思量连接器有限公司 DONGGUAN ADZL CONNECTORS CO.,LTD.				PART NO. 8821H-02T-N0BK			
												TITLE 2.50mm Crimp style Housing			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL		PROJECT 	Ken	CK	Sunny	2022/11/01	UNIT MM	SCALE 1:1	NUMBER H-A0019

RoHS

WWW. ADZLCONN. COM

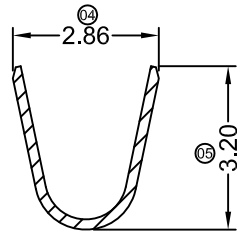
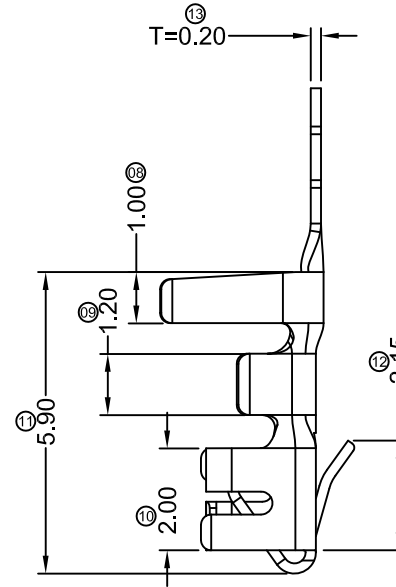
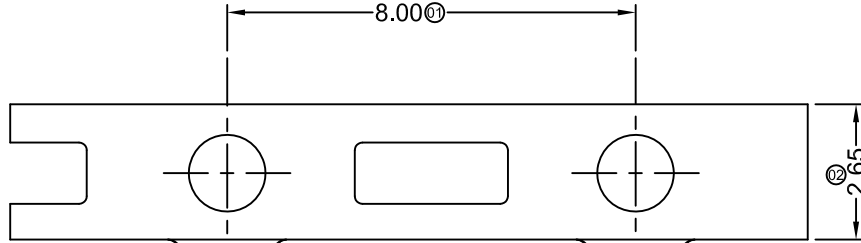
TEL:0769-82285488

Specifications :

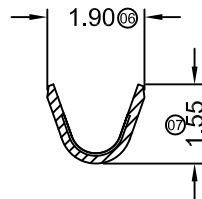
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

8821 T X-B SN X - 01
① ② ③ ④ ⑤ ⑥ ⑦

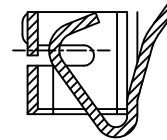
- ① Series Number
② Category: T-terminal
③ Shape: Blank-ordinary
④ Material: B-Brass P-Phosphor bronze
⑤ Plating style: SN-Bright tin plating
⑥ Plating method:
Blank-Stamping before plating
B-Plating before stamping
⑦ Mold No./Mark/Special No.



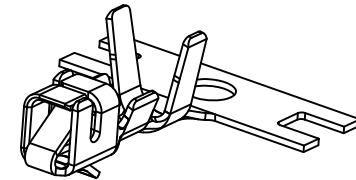
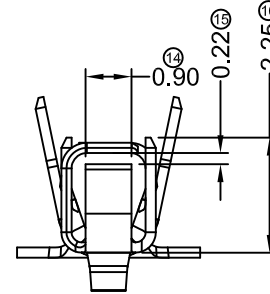
SECTION: A-A
SCALE: 1:1



SECTION: B-B
SCALE: 1:1



剖视图 B-B
SCALE: 1:1



8821T-BSN-01	Brass	AWG#22-26	1.90mm(Max)	Stamping Before Plating;30u" Ni;70u"Sn	8821H
PART NO	Material	Wire Range	Insulation O.D.	Finish	Used In ADZL Housing

GENERAL TOLERANCE

.X ±0.30
.XX ±0.20
.XXX ±0.10



东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL CHECK DRAWN DATE

Ken Zhao Hong Allen 2024/07/16

PART NO. 8821T-BSN-01

TITLE 2.50mm Crimp Style Connectors

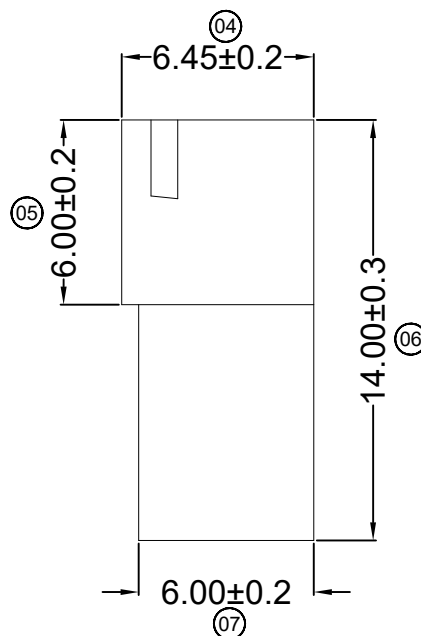
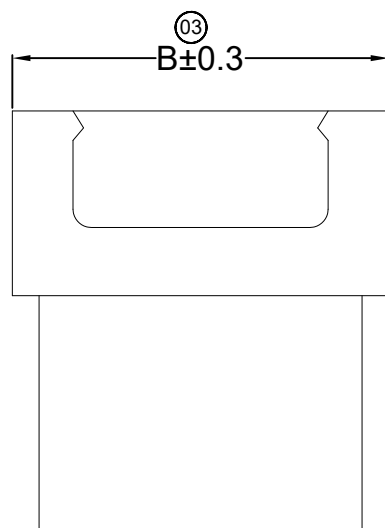
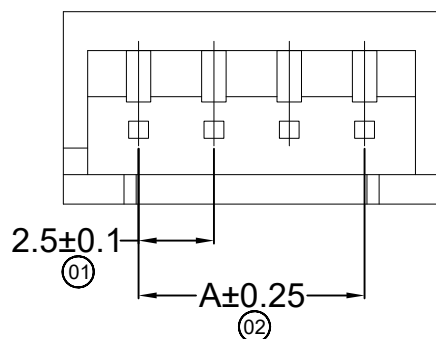
UNIT SCALE NUMBER REV
MM 1:1 8 E

DATE OLD REV NEW REV ECN DESCRIPTION CHECK APPROVAL

RoHS

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TEL:0769-82285488



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

8821 H F-XX X-N0 XX

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: F-Female
- ④ Row No.-Pin No.: XX-Single Row
- ⑤ Plug the Pin & Special No. Blank-Ordinary
- ⑥ Material : N0-PA66 94V-0
- ⑦ Color: Blank : Natural Color

Poles	Dimensions (mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

8821HF-XX-N0	Nylon 66 UL 94V-0	8821TM	8821W、8821H
PART NO	Material	Suitable ADZL Terminal	Mates With ADZL Wafer Or Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

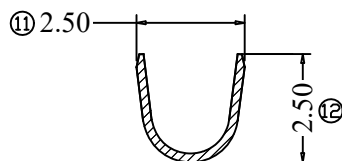
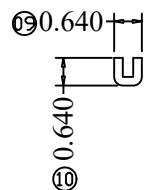
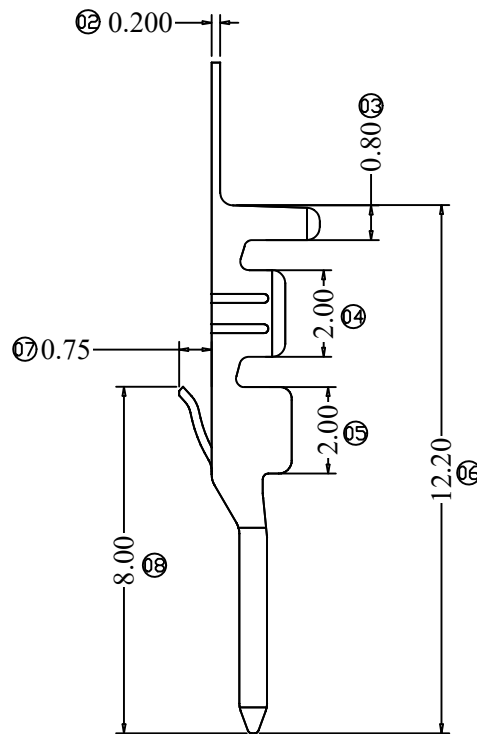
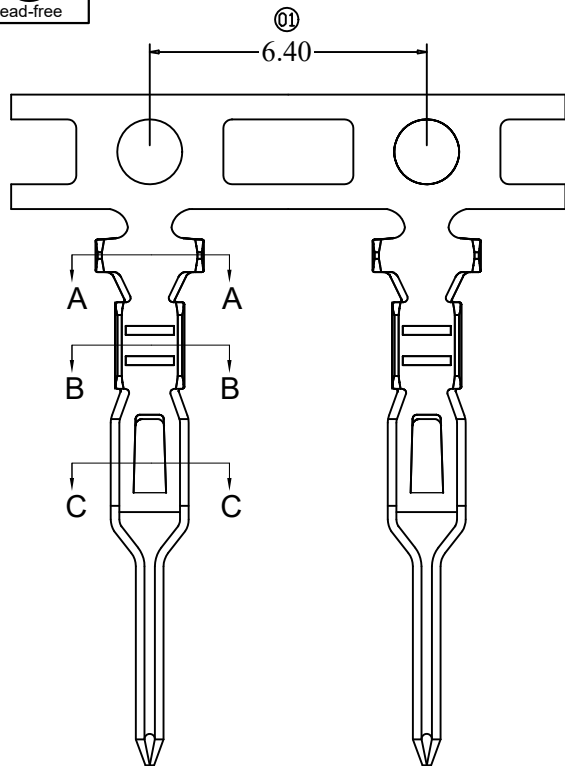
GENERAL
TOLERANCE
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10



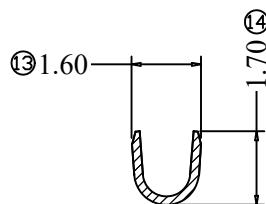
东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2017/06/08

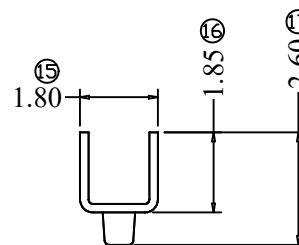
PART NO. 8821HF-XX-N0			
TITLE 2.50 mm Crimp style Connector			
UNIT MM	SCALE 1 : 1	NUMBER	REV



Section: A-A



Section: B-B



Section: C-C

Specifications(规格):

- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 3A AC / DC
- Withstanding voltage(耐压值): 1000V AC/minute
- Temperature range(工作温度): -25°C~+85°C
- Insulation resistance(绝缘电阻): ≥1000MΩ
- Contact resistance(接触电阻): ≤10mΩ
- After environmental testing(环境测试后): ≤20mΩ

8821 T M-P SN X-01

① ② ③ ④ ⑤ ⑥ ⑦

- ①系列
②类别:
T-端子
③外观形态:
M-公端
④材质:
P-磷铜
⑤电镀类别:G**-镀金 V**-镀全金
*O1-Gold Flash *O2-2U" *O3-3U" *O5-5U"
*10-10U" *15-15U" *30-30U" *50-50U"
SN-镀亮锡(70-120U") SN1-镀亮锡(120U"Min.)
0-素材 SW-镀雾锡
⑥电镀方式:
空码-先冲后镀 B-先镀后冲
⑦01-模号/MARK及特殊码

8821TM-PSN-01	Phosphor Bronze	AWG#22-26	1.90mm(Max)	Stamping Before Plating:30~50u" Ni;70~120u"Sn	8821HF/2564HF
PART NO	Material	Wire Range	Insulation O.D.	Finish	Used In ADZL Housing

							PART NO. 8821TM-PSN-01			
							TITLE 2.50 mm Crimp Style connectors			
							UNIT MM	SCALE 1/1	NUMBER	REV
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	Ken	Zhao Hong	Allen	2020/04/08

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10



 东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL CHECK DRAWN DATA
Ken Zhao Hong Allen 2020/04/08