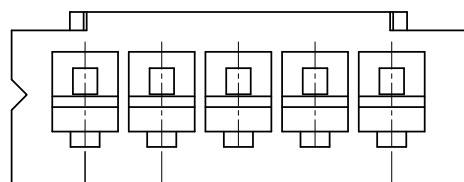


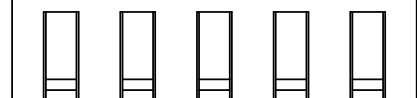
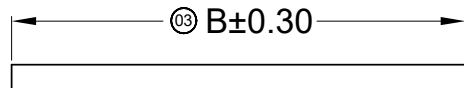
RoHS



2.500 (01)

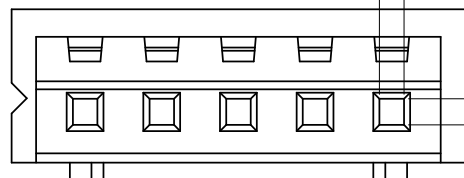
② $A \pm 0.15$

③ $B \pm 0.30$

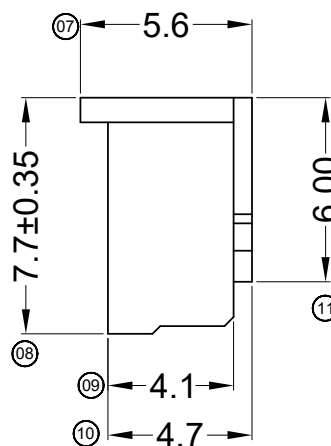
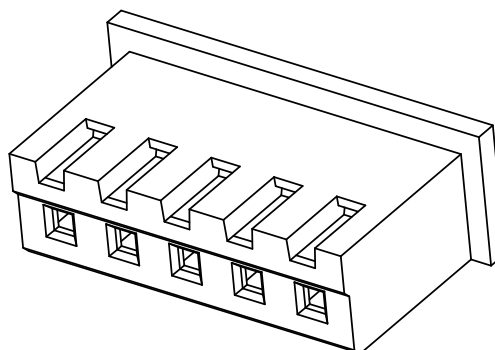


④ C $\pm$ 0.20

⑤ 0.800



0.850



■ 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: $\leq 20\text{m}\Omega$
- Suitable GYA Terminal: 8821T Mates
- With GYA Wafer :8821W

8821 H X-XX X-N0 XX

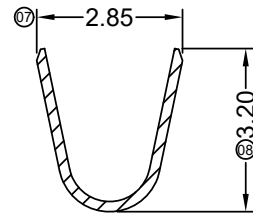
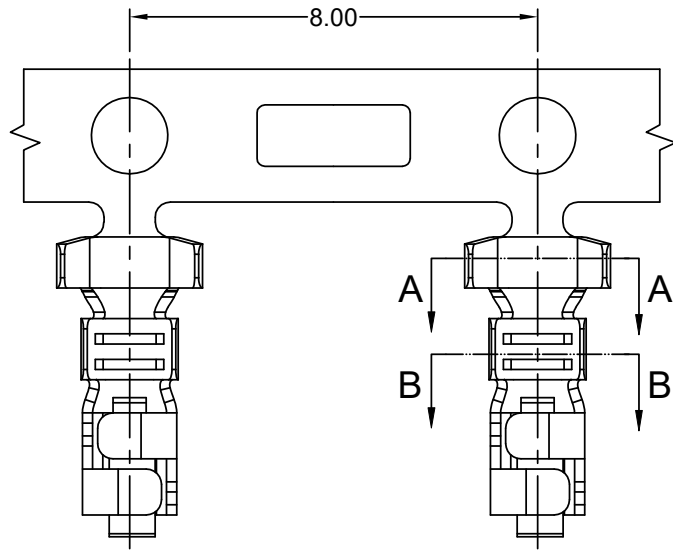
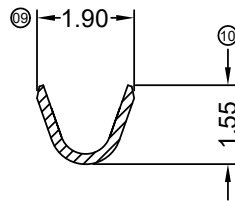
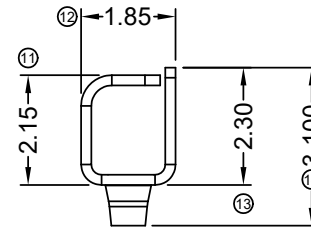
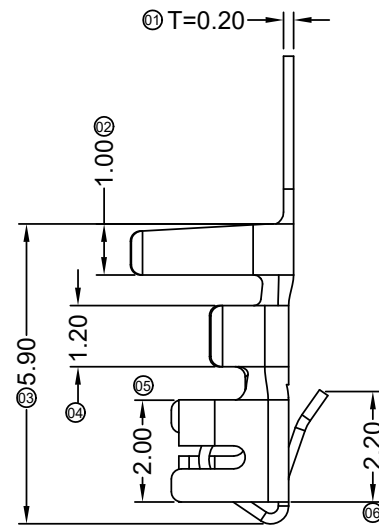
① ② ③ ④ ⑤ ⑥ ⑦

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

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	2.50	7.30	5.70	10	22.50	27.30	25.70
03	5.00	9.80	8.20	11	25.00	29.80	28.20
04	7.50	12.30	10.70	12	27.50	32.30	30.70
05	10.00	14.80	13.20	13	30.00	34.80	33.20
06	12.50	17.30	15.70	14	32.50	37.30	35.70
07	15.00	19.80	18.20	15	35.00	39.80	38.20
08	17.50	22.30	20.70	16	37.50	42.30	40.70
09	20.00	24.80	23.20				

						GENERAL TOLERANCE	 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821H-XX-N0				
						.X ±0.30					TITLE 2.50mm Crimp style Connector				
						.XX ±0.20									
						.XXX ±0.10									
						X.° ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	YANG	TIAN	TIAN	2015/07/25	mm	1:1	1/1	A0	A-039

RoHS

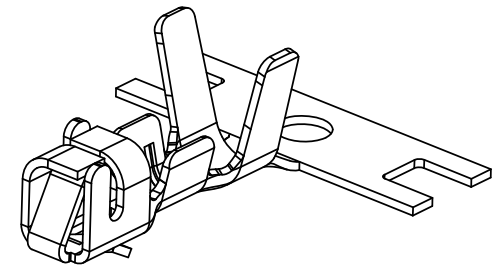
SECTION: A-A
SCALE: 1:1SECTION: B-B
SCALE: 1:1

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Wire Range: AWG#22-26
- Insulation O.D.: 1.90mm(Max)
- Used In GYA Housing: 8821H

8821 T X-B SN X - X
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
- ⑦ Mold No./Mark/Special No.



						GENERAL TOLERANCE		GYA Connectors 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821T-XSN					
						.X ±0.30											
						.XX ±0.20											
						.XXX ±0.10											
						X° ±2°		APPROVAL		CHECK	DRAWN	DATE	TITLE 2.50mm Crimp Style Connectors				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 		YANG		TIAN	TIAN	2014/06/23	UNIT	SCALE	SHEET	REV	NUMBER
1		2	3	4		5		6		7		8					
													mm	1:1	1/1	A0	A-039

RoHS

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 H2 -N0 XX XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-WAFER

③ Welding Board Angle: V-180° ; R-90°

④ Welding Way: Blank-DIP ; S-SMT

⑤ Row No.-Pin No.: XX-Single Row ; 2*XX-Double Row

⑥ Plug the Pin & Special No.: H2-Double-Faced Wafer

⑦ Material: N0 -PA66 94V-0

⑧ Plating Category: SN-Bright Tin Plating (70u")

⑨ Color : Blank-Natural Color ;

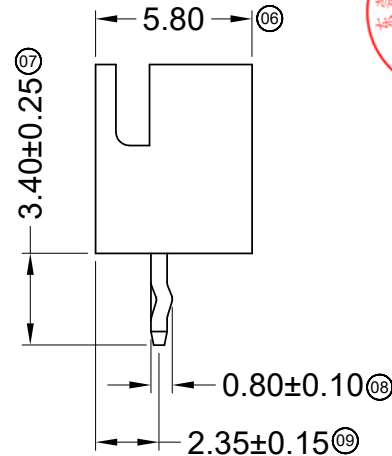
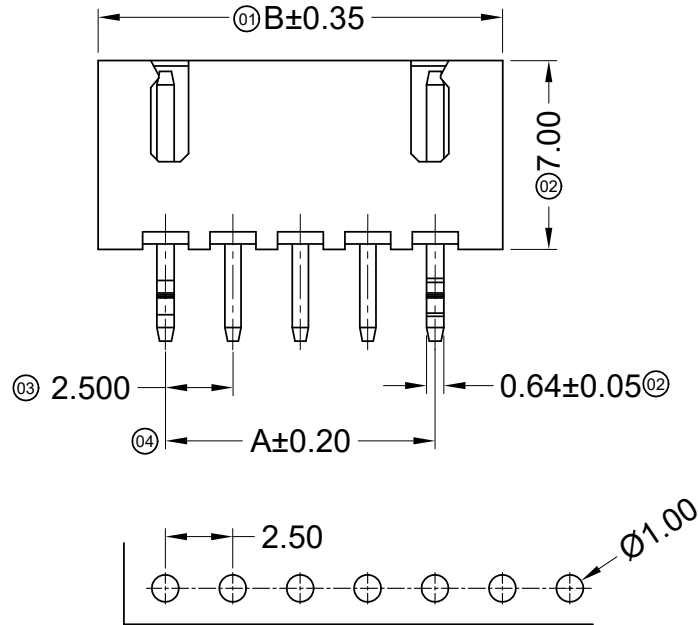
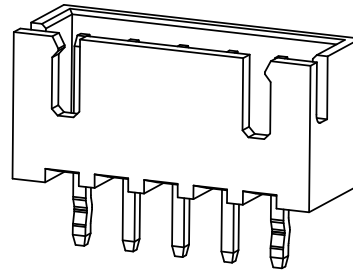
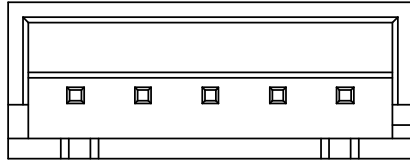
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	11	25.00	30.00
03	5.00	10.00	12	27.50	32.50
04	7.50	12.50	13	30.00	35.00
05	10.00	15.00	14	32.50	37.50
06	12.50	17.50	15	35.00	40.00
07	15.00	20.00	16	37.50	42.50
08	17.50	22.50	17	40.00	45.00
09	20.00	25.00	18	42.50	47.50
10	22.50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

8821WV-XXH2-N0SN	Nylon 66 UL 94V-0	Brass	Tin-Plated	8821H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With GYA Housing

						GENERAL TOLERANCE				PART NO.			
						.X ± 0.30				8821WV-XXH2-N0SN			
						.XX ± 0.20				TITLE			
						.XXX ± 0.10				2.50 mm Crimp style Connector			
						X° $\pm 2^\circ$				UNIT SCALE SHEET REV NUMBER			
						PROJECT				mm 1:1 1/1 A0 A-000			
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT				YANG	TIAN	TIAN	2007/05/03
1		2		4		APPROVAL							
						CHECK							
						DRAWN							
						DATE							



RoHS



■ 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: $\leq 20m\Omega$
- Material(Pin):Brass
- Mates With GYA Housing: 8821H

8821 W V X-XX K -N0 SN XX-07

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

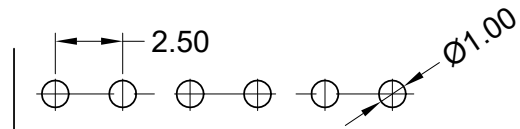
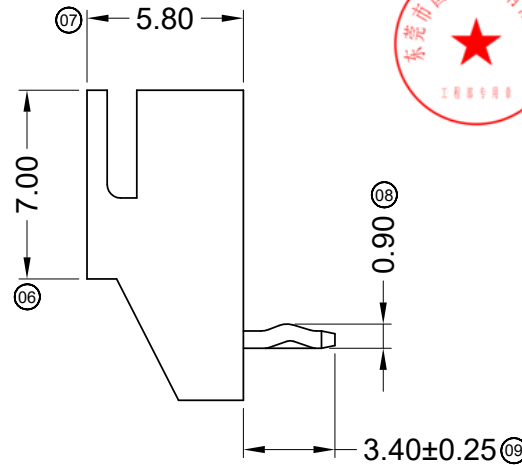
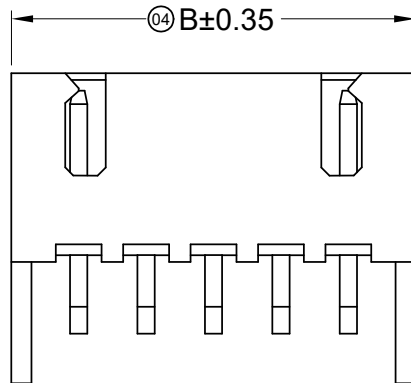
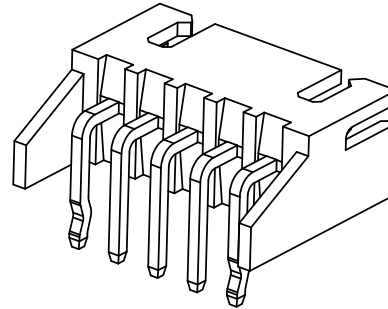
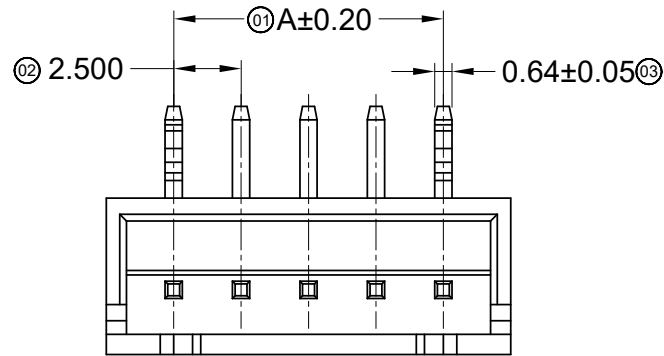
- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: V- 180°
④ Welding Way: Blank-DIP ;
⑤ Row No.-Pin No.: XX-Single Row ;
⑥ Special No.: K-KINK
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color

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			

Recommended P.C.B Layout
General Tolerance ± 0.05

						GENERAL TOLERANCE	GYA Connectors 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821WV-XXK-N0SN-07				
						.X ±0.30					TITLE 2.50mm Crimp style Connector				
						.XX ±0.20									
						.XXX ±0.10									
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	YANG	TIAN	TIAN	2017/07/27	mm	1:1	1/1	A0	A-007

RoHS



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
- Material(Pin):Brass
- Mates With GYA Housing:8821H

8821 W R X-XX K-N0 SN XX-07

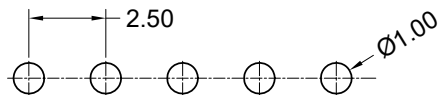
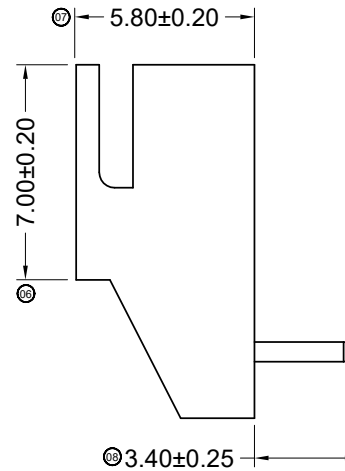
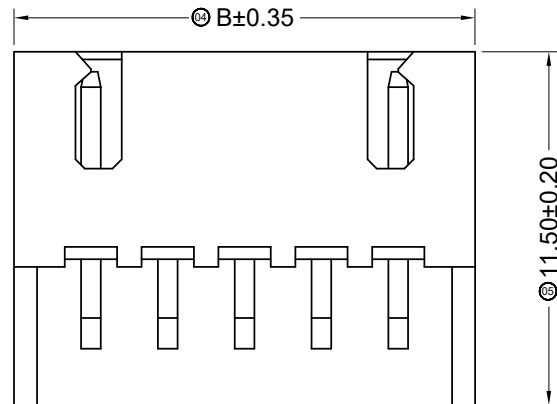
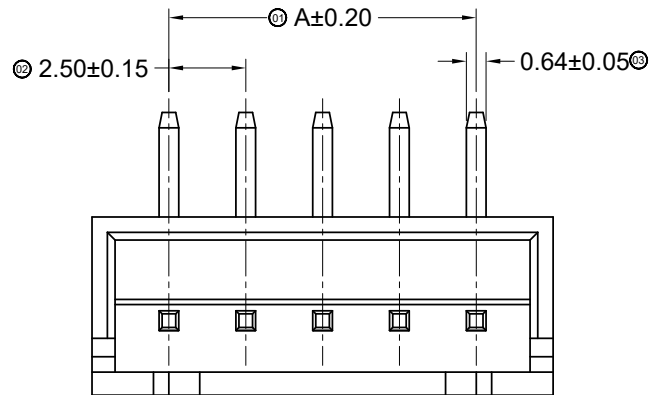
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 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 Special No.: K-KINK
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color

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			

						GENERAL TOLERANCE	GYA Connectors 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821WR-XXK-N0SN-07				
						.X ±0.30									
						.XX ±0.20									
						.XXX ±0.10									
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	TITLE 2.50mm Crimp style Connector				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT	YANG	TIAN	TIAN	2017/07/27	UNIT	SCALE	SHEET	REV	NUMBER
											mm	1:1	1/1	A0	A-007
1		2		3		4		5		6		7		8	

RoHS



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
- Material(Pin):Brass
- Mates With GYA Housing:8821H

8821 W R X-XX X -N0 SN XX-07

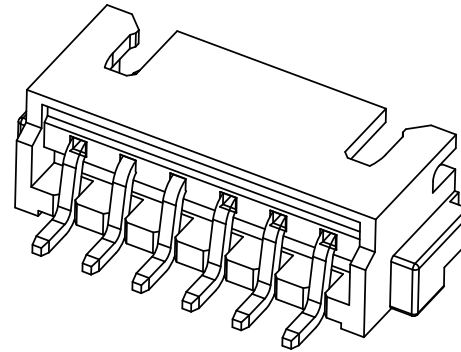
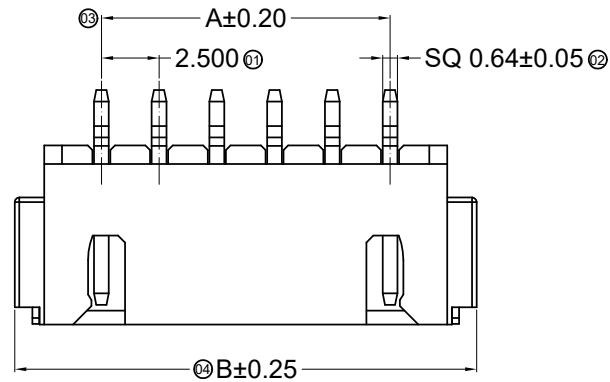
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 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 Special No.:
⑦ Material: N0 -PA66 94V-0
⑧ Plating Category: SN-Bright Tin Plating
⑨ Color : Blank-Natural Color

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			

						GENERAL TOLERANCE	GYA Connectors 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821WR-XX-N0SN-07					
						.X ±0.30										
						.XX ±0.20										
						.XXX ±0.10										
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	TITLE 2.50 mm Crimp style Connector					
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT		YANG	TIAN	TIAN	2018/07/02	UNIT	SCALE	SHEET	REV	NUMBER
						mm						1:1	1/1	A0	A-007	
1		2		3		4		5		6		7		8		

RoHS

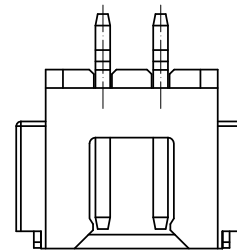
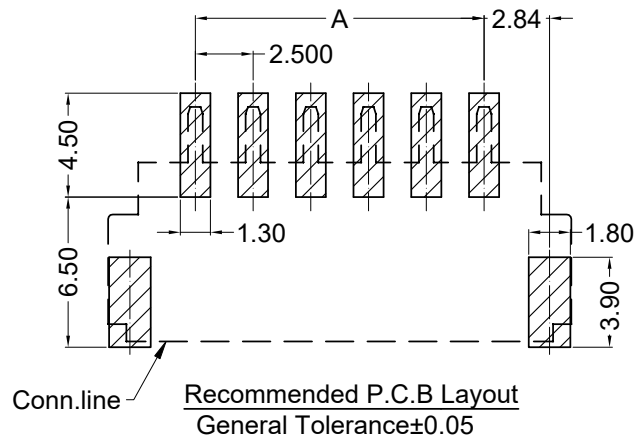
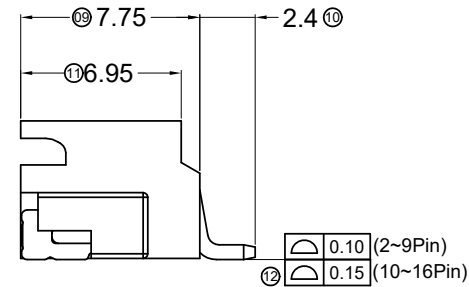
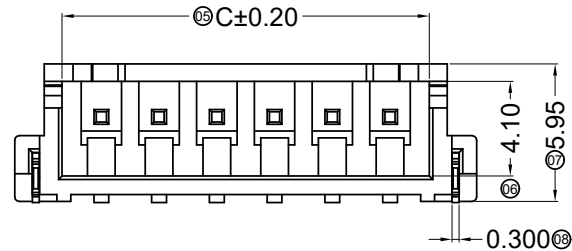


■ Specifications :

- 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-XX XX XX - S
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: 4T -PA4T UL 94V-0
⑧ Plating Category: SN-Bright Tin Plating
V01-All Gold Flash
⑨ Color : Blank-Natural Color



2P Shape
SCALE 1:1



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				

						GENERAL TOLERANCE	GYA Connectors 东莞市国亚电子有限公司 DONGGUO GUOYA ELECTRONICS CO.,LTD				PART NO. 8821WRS-XX-4TXX-S				
						.X ±0.30									
						.XX ±0.20									
						.XXX ±0.10									
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	TITLE 2.50mm Crimp Style Connector				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT	YANG	TIAN	TIAN	2017/07/27	UNIT	SCALE	SHEET	REV	NUMBER
											mm	1:1	1/1	A0	A-000