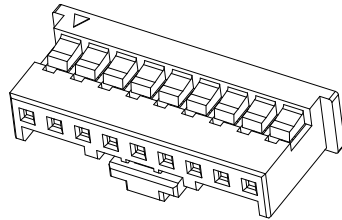
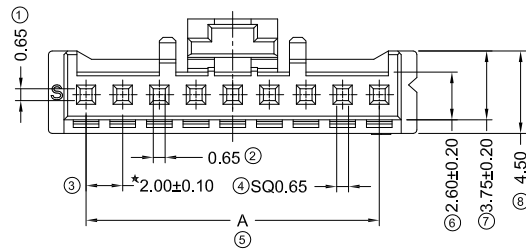


RoHS

RD-1



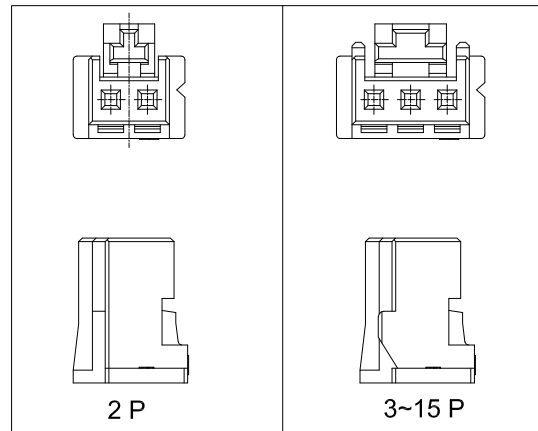
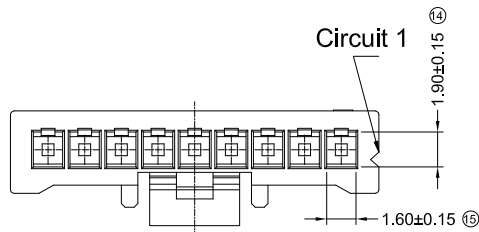
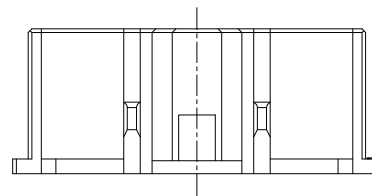
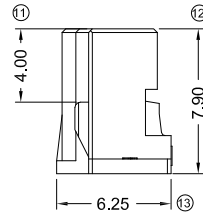
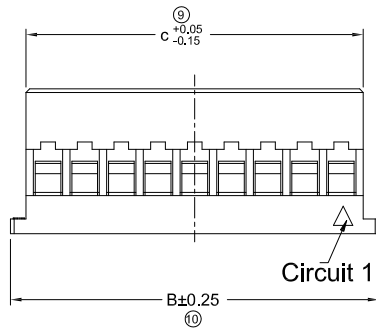
■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40° ~+105°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Mates with GYA Header : 2000 Series

2020 H X - 1 x XX - N0 X B R 01 Q

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: H-Housing
③ Connector Type: Blank- Common
④ Row No.-Pin No: 1xXX- 2~15Pin
⑤ Plastic material: N0-PA66 UL94V-0
⑥ Color: N-Natural; B-Black; R-Red;
⑦ Packing: B-Bag
⑧ RoHS/HF Code: R-ROHS Compliant
⑨ Sequence Number: 01
⑩ Special code:Q-Automotive Connectors



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	AC	B			AC	B	
2	2.00	6.10	4.40	10	18.00	22.10	20.40
3	4.00	8.10	6.40	11	20.00	24.10	22.40
4	6.00	10.10	8.40	12	22.00	26.10	24.40
5	8.00	12.10	10.40	13	24.00	28.10	26.40
6	10.00	14.10	12.40	14	26.00	30.10	28.40
7	12.00	16.10	14.40	15	28.00	32.10	30.40
8	14.00	18.10	16.40				
9	16.00	20.10	18.40				

DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					

GENERAL TOLERANCE	
.X	±0.30
.XX	±0.20
.XXX	±0.10
X.°	±0.2°
PROJECT	
①	②

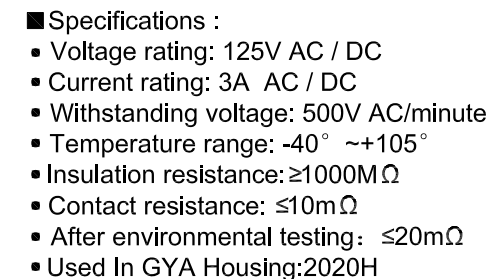
GYA
Connectors

东莞市国亚电子有限公司

Dong Guan Guo Ya Connectors co., ltd.

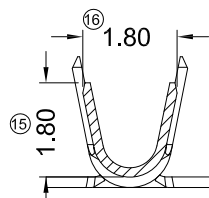
APPROVAL	CHECK	DRAWN	DATE
Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26

PART NO.				
2020H-1xXX-N0XBR01Q				
TITLE				
2.00mm Connector Housing				
UNIT	SCALE	SHEET	REV	NUMBER
mm	2.5:1	1/1	A0	A-000



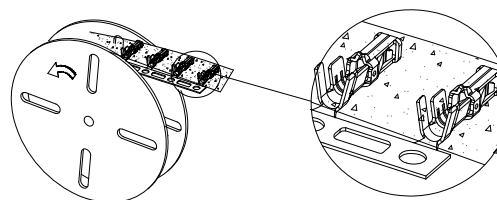
2020 T - P 08 S - 01 Q
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: T-Terminal
- ③ Material: P-Phosphor bronze
- ④ Plating Style: 08-See table 1
- ⑤ Plating Method : S-Stamping before Plating
- ⑥ Sequence Number: 01
- ⑦ Special code:Q-Automotive Connectors



SECTION: A-A
SCALE: 1:1


SECTION: B-B
SCALE: 1:1



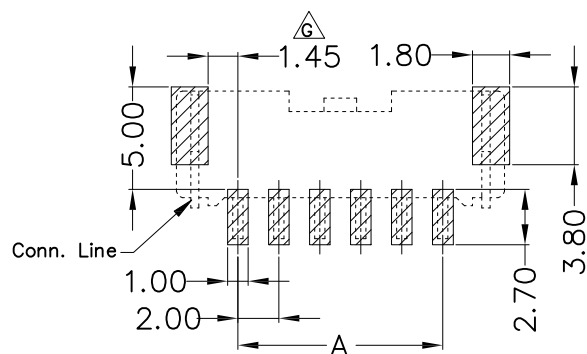
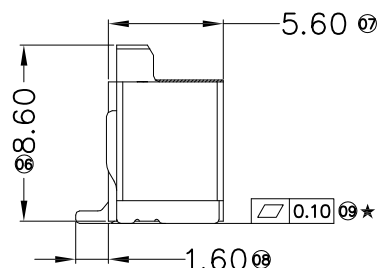
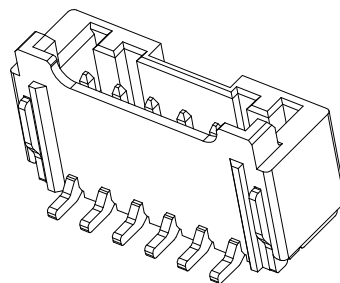
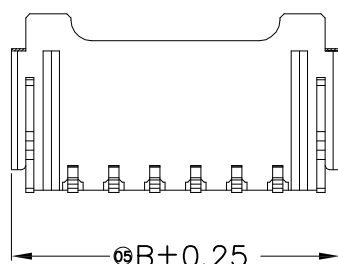
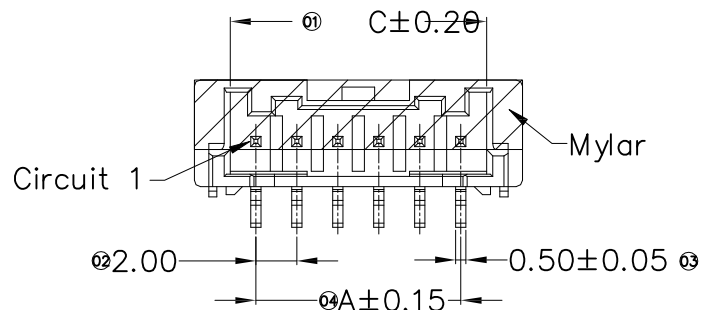
User direction of unreeling



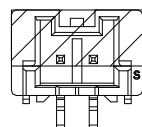
2020T-P08S-01Q	Phosphor bronze	AWG#20~22 (0.5~0.35mm ²)	1.60mm(Max)	Ni:40u~120" (1~3um)overall Tin:80~200u"(2~5um)overall
P/N	Material	Wire Size	Insulation O.D	Finish

						GENERAL TOLERANCE	<div><div>GYA</div><div>Connectors</div></div> <div>东莞市国亚电子有限公司</div> <div>Dong Guan Guo Ya Connectors co., ltd.</div>				PART NO.		2020T-P08S-01Q					
						.X ±0.30					<div>APPROVAL</div> <div>CHECK</div> <div>DRAWN</div> <div>DATE</div>				TITLE			
						.XX ±0.20									2.00mm Crimp Style Terminal			
						.XXX ±0.10												
						X.° ±0.2°					UNIT	SCALE	SHEET	REV	NUMBER			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26	mm	7:1	1/1	A0	A-000			
1		2		3		4		5		6		7		8				

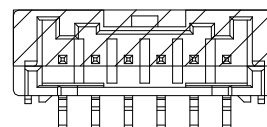
RoHS



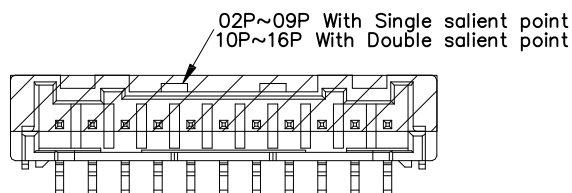
Recommended P.C.B Layout
General Tolerance ± 0.05



2P-4P
SCALE 0.8:1



5P-9P
SCALE 0.8:1



10P-16P
SCALE 0.8:1

Specifications

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: $-40^{\circ} \sim +105^{\circ}$
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Material(Pin) : Brass
- Material(Solder Tabs) : Brass
- Mates With GYA Housing : 2000H
- "★" Critical dimension

2000 W V S-XX X -9T SW XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category : W-WAFER
③ Connector type : V-Stright 180°
④ Mouting type: S-SMT
⑤ Row No.-Pin No per row: XX-02P~16P
⑥ Plug the Pin & Special No.
⑦ Material: 9T -PA9T 94V-0
LP -LCP 94V-0
⑧ Plating Code: SN-Bright Tin ; SW-Matte Tin
⑨ Color : Blank-Natural Color
⑩ Packing: Blank-Reel ,With Mylar
R-Reel ,Without Mylar

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.50	10	18.00	24.00	20.50
03	4.00	10.00	6.50	11	20.00	26.00	22.50
04	6.00	12.00	8.50	12	22.00	28.00	24.50
05	8.00	14.00	10.50	13	24.00	30.00	26.50
06	10.00	16.00	12.50	14	26.00	32.00	28.50
07	12.00	18.00	14.50	15	28.00	34.00	30.50
08	14.00	20.00	16.50	16	30.00	36.00	32.50
09	16.00	22.00	18.50				

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.* $\pm 2^{\circ}$

PROJECT

① ②

GYA
Connectors

东莞市国亚电子有限公司
Dong Guan Guo Ya Connectors co., ltd.

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangzhengyi

Lvtiansheng

2016/08/26

PARTNO.

2000WVS-XX-XXSWXXX

TITLE

2.00mm Crimp Style Connector

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-000

DATE

REV

ECN NO

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

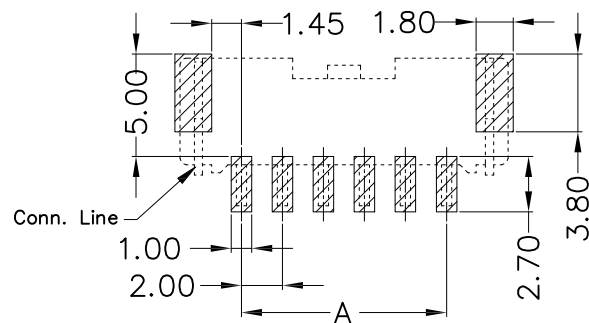
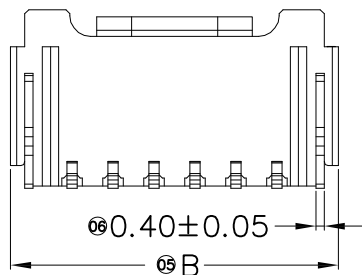
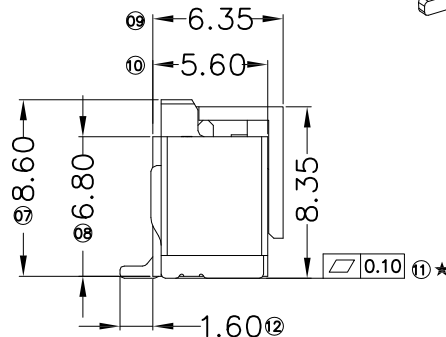
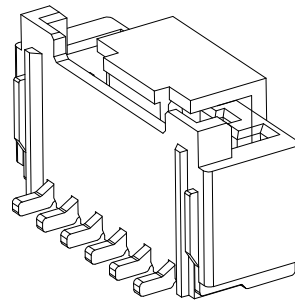
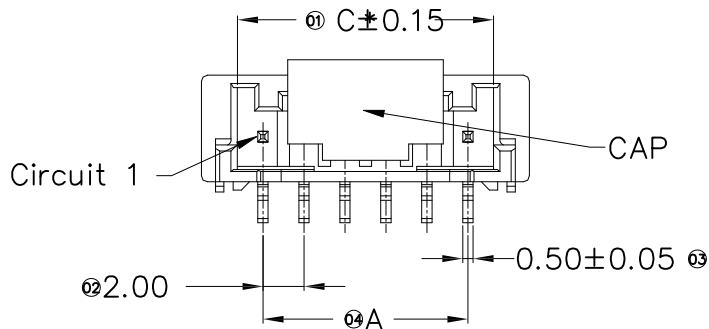
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6

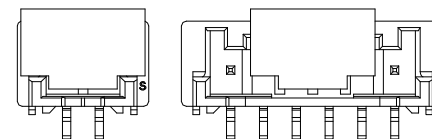
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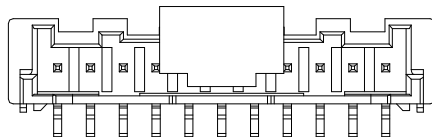
RoHS



Recommended P.C.B Layout
General Tolerance ± 0.05



2P-4P SCALE 0.8:1
5P-9P SCALE 0.8:1



10P-16P
SCALE 0.8:1

Specifications

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: $-40^{\circ} \sim +105^{\circ}$
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Material(Pin): Brass
- Material(Solder Tabs): Brass
- Mates With GYA Housing: 2000H
- "*" Critical dimension

2000 W V S-XX X -9T SW XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category: W-WAFER
- ③ Connector type: V-Stright 180°
- ④ Mounting type: S-SMT
- ⑤ Row No.-Pin No: XX-02P~16P
- ⑥ Plug the Pin & Special No: C- With CAP
- ⑦ Material: 9T -PA9T 94V-0
LP-LCP 94V-0
- ⑧ Plating Code: SW-Matte Tin
- ⑨ Color: Blank-Natural Color
- ⑩ Packing: Blank-Reel

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.50	10	18.00	24.00	20.50
03	4.00	10.00	6.50	11	20.00	26.00	22.50
04	6.00	12.00	8.50	12	22.00	28.00	24.50
05	8.00	14.00	10.50	13	24.00	30.00	26.50
06	10.00	16.00	12.50	14	26.00	32.00	28.50
07	12.00	18.00	14.50	15	28.00	34.00	30.50
08	14.00	20.00	16.50	16	30.00	36.00	32.50
09	16.00	22.00	18.50				

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.* ± 2°

PROJECT

PROJECT

GYA
Connectors

东莞市国亚电子有限公司
Dong Guan Guo Ya Connectors co., ltd.

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangzhengyi

Lvtiansheng

2016/08/26

PARTNO.

2000WVS-XXC-XXSW

TITLE

2.00mm Crimp Style Connector

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-000

DATE

REV

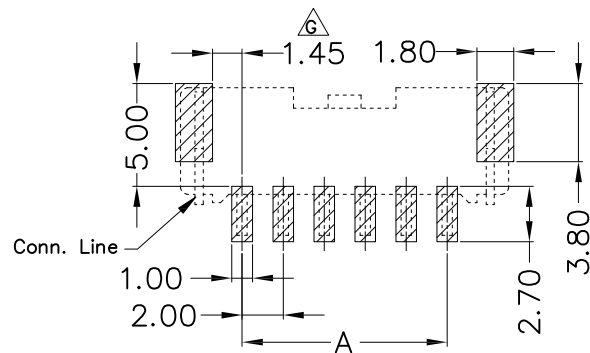
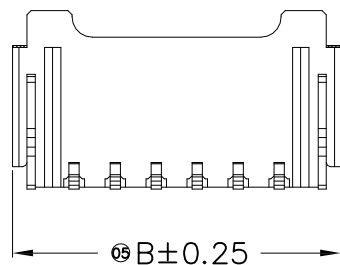
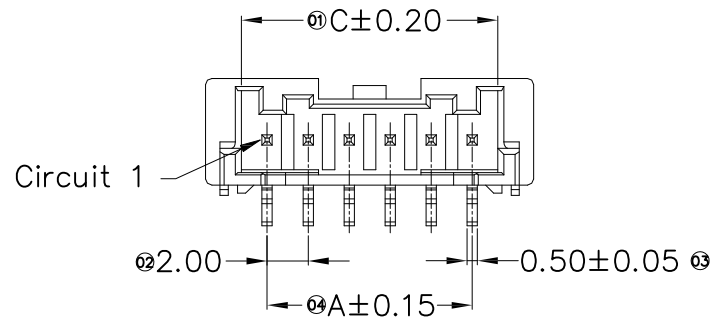
ECN NO

DESCRIPTION

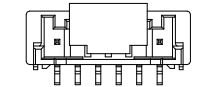
MODIFY

APPROVAL

RoHS



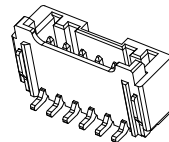
Recommended P.C.B Layout
General Tolerance±0.05



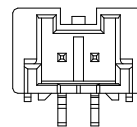
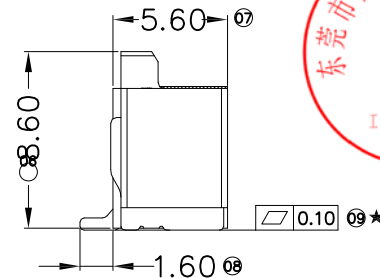
CAP (9-16P With CAP)
SCALE 1:2



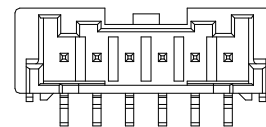
Mylar (2-8P With Mylar)
SCALE 1:2



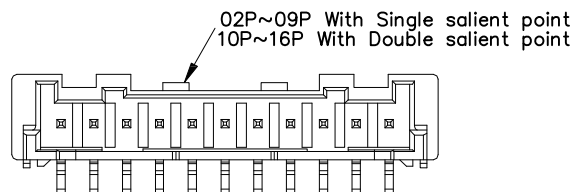
SCALE 1:2



2P-4P
SCALE 0.8:1



5P-9P
SCALE 0.8:1



10P-16P
SCALE 0.8:1

Specifications

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: $-40^{\circ} \sim +105^{\circ}$
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Material(Pin) : Brass
- Material(Solder Tabs) : Brass
- Mates With GYA Housing : 2000H
- "★" Critical dimension

2000 W V S-XX X -9T SW XX X -S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category : W-WAFER
③ Connector type : V-Stright 180°
④ Mouting type: S-SMT
⑤ Pin number: XX-02P~16P
⑥ Plug the Pin & Special No.
⑦ Material: 9T -PA9T 94V-0
⑧ Plating Code: SN-Bright Tin ; SW-Matte Tin
⑨ Color : Blank-Natural Color
⑩ Packing: Blank-Reel ,2~8P With Mylar
9-16P With CAP
R-Reel ,Without Mylar&CAP

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.50	10	18.00	24.00	20.50
03	4.00	10.00	6.50	11	20.00	26.00	22.50
04	6.00	12.00	8.50	12	22.00	28.00	24.50
05	8.00	14.00	10.50	13	24.00	30.00	26.50
06	10.00	16.00	12.50	14	26.00	32.00	28.50
07	12.00	18.00	14.50	15	28.00	34.00	30.50
08	14.00	20.00	16.50	16	30.00	36.00	32.50
09	16.00	22.00	18.50				

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.* $\pm 2^{\circ}$

PROJECT

Yangzhengguo Yangzhengyi Lvtiansheng 2016/08/26

GYA
Connectors

东莞市国亚电子有限公司
Dong Guan Guo Ya Connectors co., ltd.

APPROVAL

CHECK

DRAWN

DATE

PARTNO.

2000WVS-XX-9TSWXXX-S

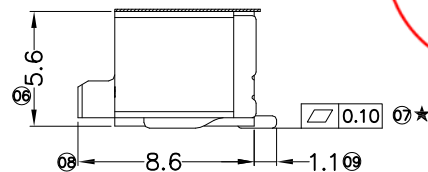
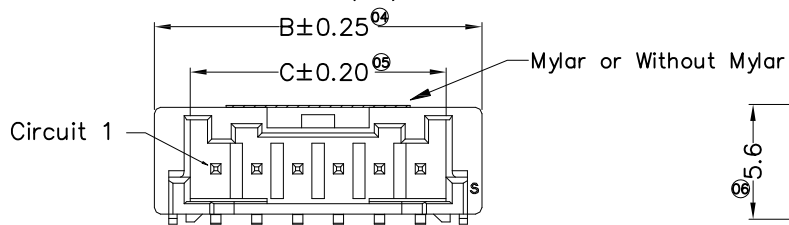
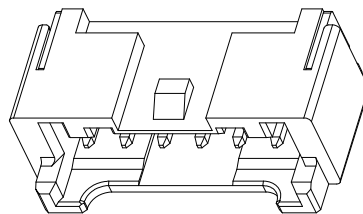
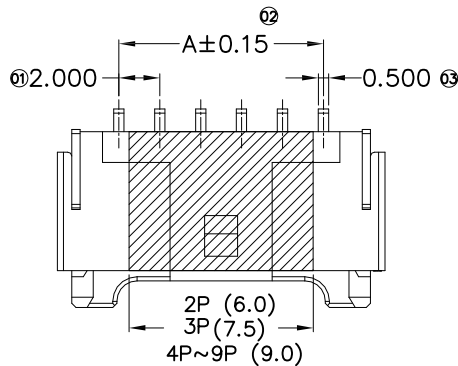
TITLE

2.00mm Crimp Style Connector

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-000

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
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RoHS



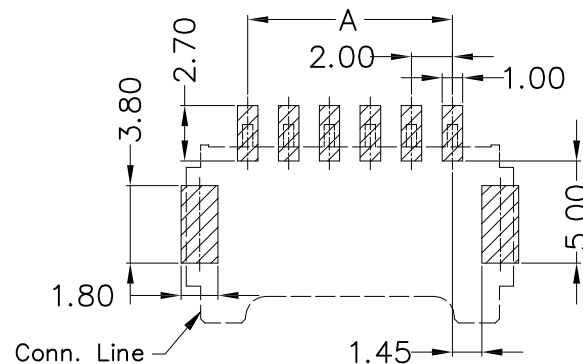
Specifications

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40° ~ +105°
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- "★" Critical dimension
- Material(Pin): Brass
- Material(Solder Tabs): Brass
- Mates With GYA Housing: 2000H

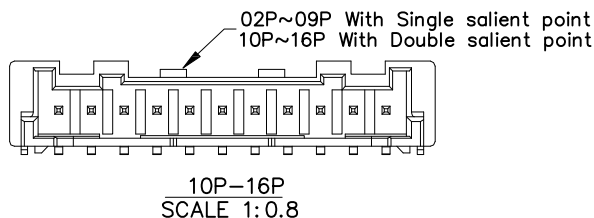
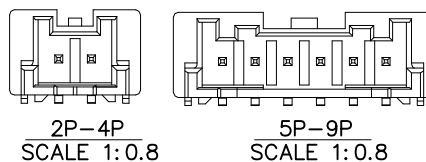
2000 W R S-XX X -XX SW XX X-S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: W-WAFER
③ Connector type: R-Right Angle 90°
④ Mounting type: S-SMT
⑤ Row No.-Pin No per row: XX-02P~16P
⑥ Special No.
⑦ Material: 9T -PA9T 94V-0; LP -LCP 94V-0
⑧ Plating code: SW- Matte Tin
⑨ Color: Blank-Natural Color; BK-Black Color
⑩ Packing: Blank-Reel, 02~09P With Mylar;
10~16P Without Mylar
R-Reel, 02~09P Without Mylar

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.50	10	18.00	24.00	20.50
03	4.00	10.00	6.50	11	20.00	26.00	22.50
04	6.00	12.00	8.50	12	22.00	28.00	24.50
05	8.00	14.00	10.50	13	24.00	30.00	26.50
06	10.00	16.00	12.50	14	26.00	32.00	28.50
07	12.00	18.00	14.50	15	28.00	34.00	30.50
08	14.00	20.00	16.50	16	30.00	36.00	32.50
09	16.00	22.00	18.50				



Recommended P.C.B Layout
General Tolerance ± 0.05



GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.° $\pm 2^\circ$

PROJECT

PROJECT

GYA
Connectors

东莞市国亚电子有限公司
Dong Guan Guo Ya Connectors co., ltd.

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangzhengyi

Lvtiansheng

2016/08/26

PARTNO.

2000WRS-XX-XXSWXXX-S

TITLE

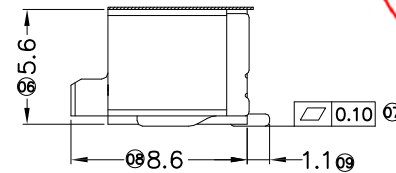
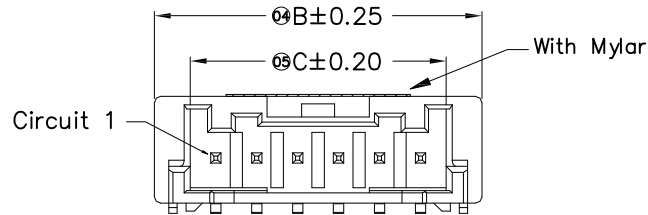
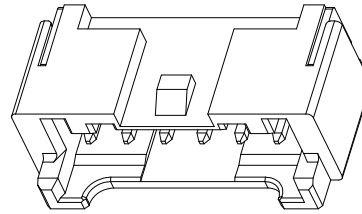
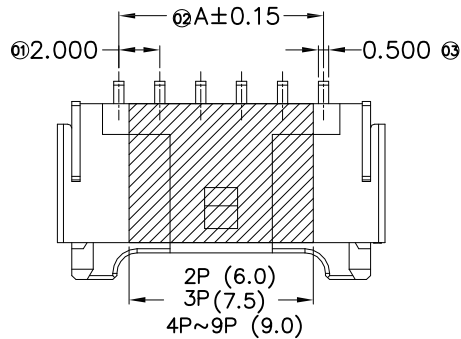
2.00mm Crimp Style Connector

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-000

DATE REV ECN NO DESCRIPTION

MODIFY APPROVAL

RoHS



Specifications

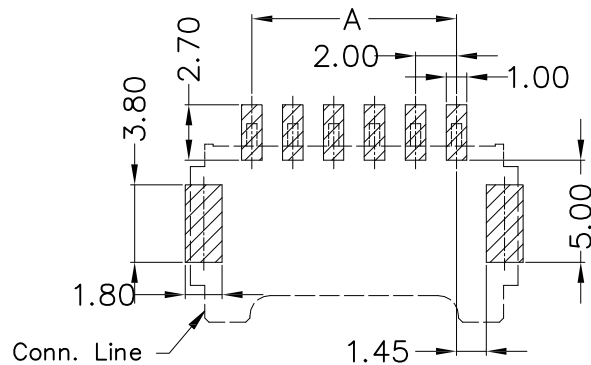
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: $-40^{\circ} \sim +105^{\circ}$
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$

- Material(Pin) : Brass
- Material(Solder Tabs): Brass
- Mates With GYA Housing : 2000H

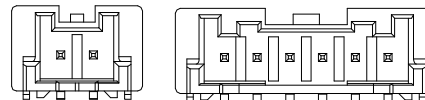
2000 W R S-XX X -XX SW XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category : W-WAFER
③ Connector type : R-Right Angle 90°
④ Mouting type: S-SMT
⑤ Row No.-Pin No per row: XX-02P~16P
⑥ Special No.
⑦ Material: 9T -PA9T 94V-0; LP -LCP 94V-0
⑧ Plating code: SW- Matte Tin
⑨ Color : Blank-Natural Color ; BK-Black Color
⑩ Packing: Blank-Reel ,With Mylar
R-Reel ,Without Mylar

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.50	10	18.00	24.00	20.50
03	4.00	10.00	6.50	11	20.00	26.00	22.50
04	6.00	12.00	8.50	12	22.00	28.00	24.50
05	8.00	14.00	10.50	13	24.00	30.00	26.50
06	10.00	16.00	12.50	14	26.00	32.00	28.50
07	12.00	18.00	14.50	15	28.00	34.00	30.50
08	14.00	20.00	16.50	16	30.00	36.00	32.50
09	16.00	22.00	18.50				

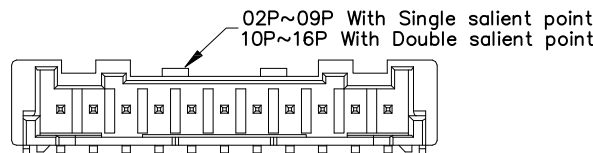


Recommended P.C.B Layout
General Tolerance ± 0.05



2P-4P
SCALE 1:0.8

5P-9P
SCALE 1:0.8



10P-16P
SCALE 1:0.8

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.° $\pm 2^{\circ}$

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2.00mm Crimp Style Connector

UNIT

SCALE

SHEET

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NUMBER

mm

1:1

1/1

A0

A-000

DATE

REV

ECN NO

DESCRIPTION

MODIFY

APPROVAL