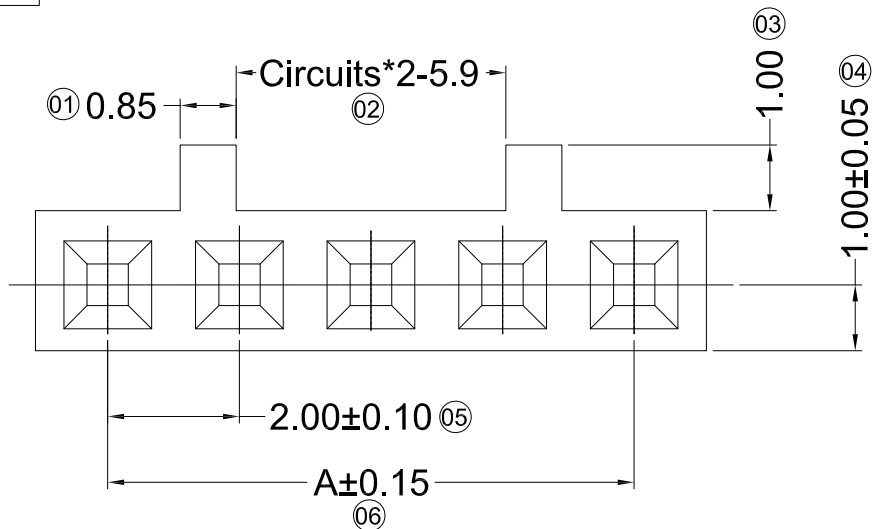


RoHS



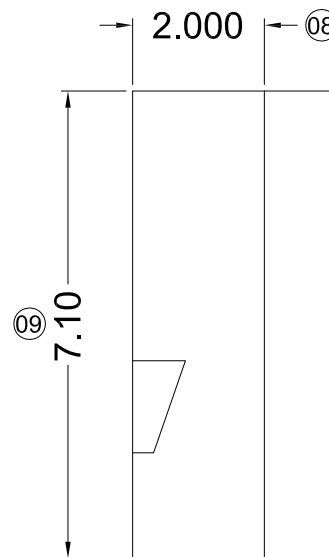
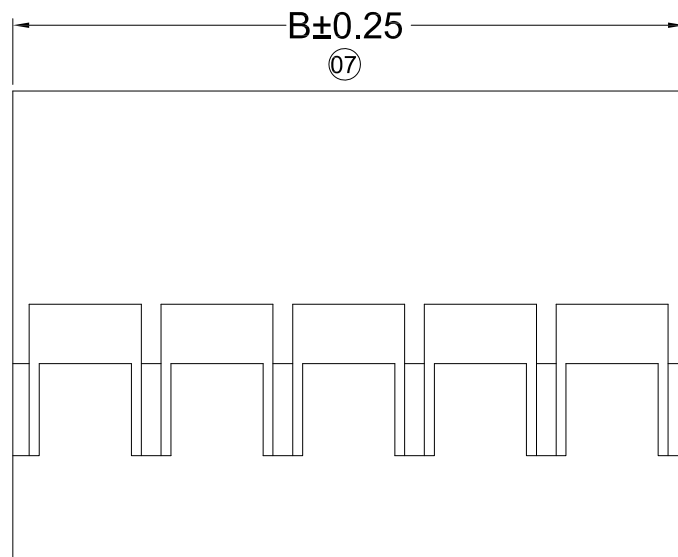
■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 1 AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable GYA Terminal 4601T
- Mates With GYA Pin Heade or Box Header 4601W

4601 H X - XX C - N0 XX

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: Blank-ordinary
- ④ Row No.-Pin No.: XX-02P~16P
- ⑤ Plug the Pin & special No.:
- ⑥ C-With double Salient Point
- ⑦ Material: N0-PA66 94V-0
- ⑧ Color: Blank-Natural



Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	2.00	4.20	17	32.00	34.20
03	4.00	6.20	18	34.00	36.20
04	6.00	8.20	19	36.00	38.20
05	8.00	10.20	20	38.00	40.20
06	10.00	12.20	21	40.00	42.20
07	12.00	14.20	22	42.00	44.20
08	14.00	16.20	23	44.00	46.20
09	16.00	18.20	24	46.00	48.20
10	18.00	20.20	25	48.00	50.20
11	20.00	22.20	26	50.00	52.20
12	22.00	24.20	27	52.00	54.20
13	24.00	26.20	28	54.00	56.20
14	26.00	28.20	29	56.00	58.20
15	28.00	30.20	30	58.00	60.20
16	30.00	32.20	31	60.00	62.20

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					

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

PART NO.

4601H-XXC-N0

TITLE

2.00 mm Crimp Style Connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

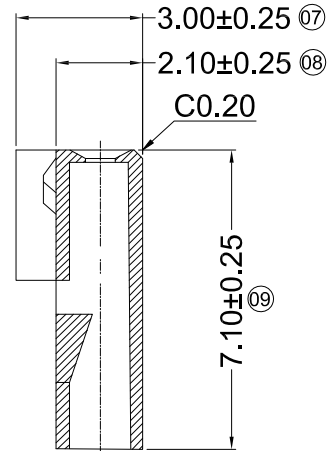
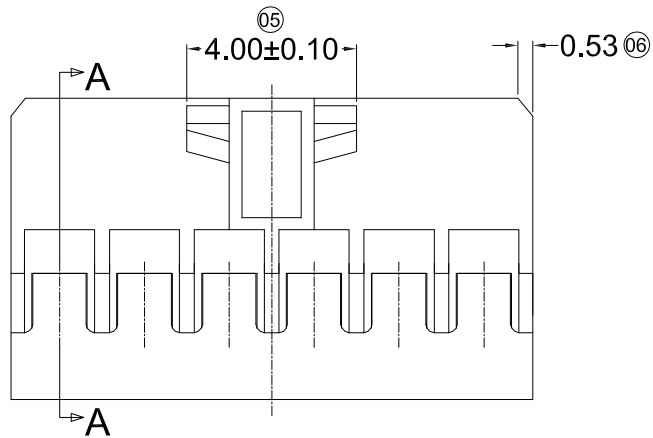
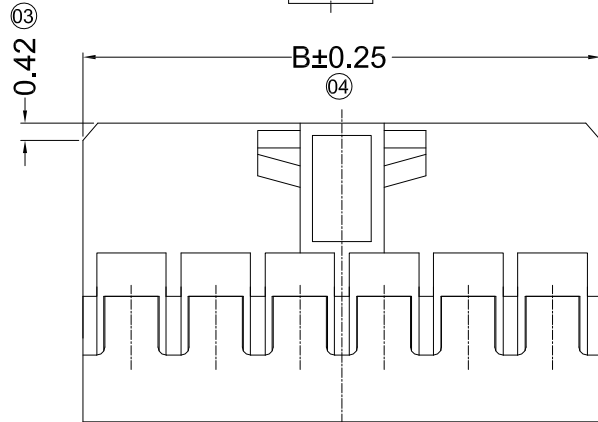
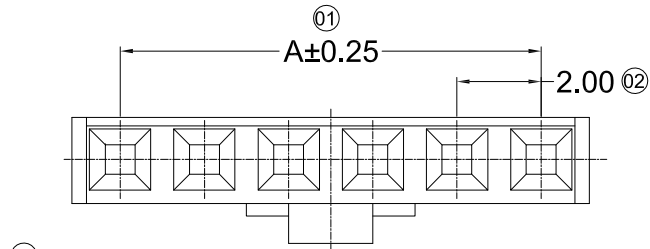
1:1

1/1

A0

A-001

RoHS



SECTION: A-A
SCALE: 1:1



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable GYA Terminal 4601T -A
- Mates With GYA Pin Heade Or Box Header 4601W

4601 H X - XX B- N0 XX HF

① ②③ ④ ⑤ ⑥ ⑦ ⑧

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.: B-With Salient Point and Bevel

⑥ Material: N0-PA66 94V-0 ; PT-PBT 94V-0

⑦ Color: Blank : Natural Color Black WH-White

⑧ HF-Halogen Free ;

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.00	4.25	09	16.00	18.25
03	4.00	6.25	10	18.00	20.25
04	6.00	8.25	11	20.00	22.25
05	8.00	10.25	12	22.00	24.25
06	10.00	12.25	13	24.00	26.25
07	12.00	14.25	14	26.00	28.25
08	14.00	16.25	15	28.00	30.25

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

PART NO.

4601H-XXB-N0XX

TITLE 2.00 mm Crimp style Connector

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-106

DATE

REV

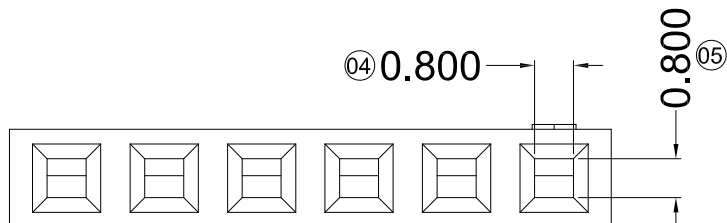
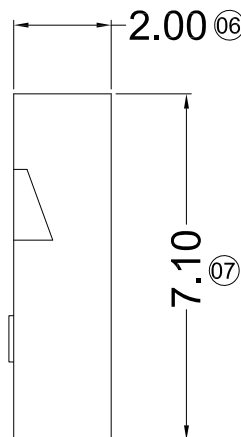
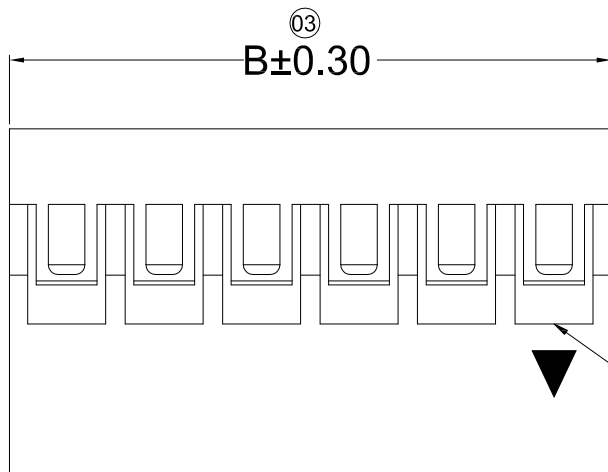
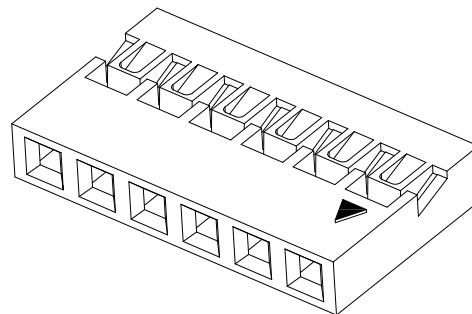
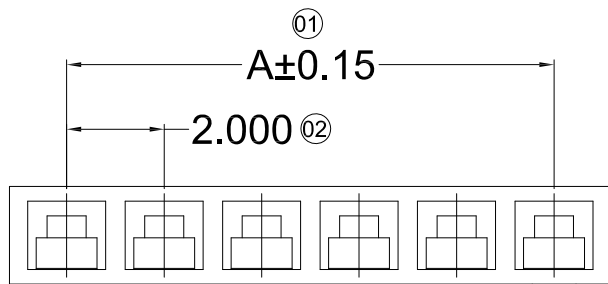
ECN NO.

DESCRIPTION

MODIFY

APPROVAL

RoHS



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable GYA Terminal 4601T
- Mates With GYA Pin Heade Or Box Header 4601W

4601 H X - XX X - PT XX

① ②③ ④⑤ ⑥ ⑦

- ① Series No.
② Category: H-HSG
③ Appearance type: Blank-Ordinary
④ Row No.-Pin No.: XX-02P~20P
⑤ Plug the Pin & special No.:
PT-PBT UL 94V-0
⑥ Material: N0-PA66 UL 94V-0
PT-PBT UL 94V-0
⑦ Color: Blank-Natural Color
HF-Halogen Free

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.00	4.35	12	22.00	24.35
03	4.00	6.35	13	24.00	26.35
04	6.00	8.35	14	26.00	28.35
05	8.00	10.35	15	28.00	30.35
06	10.00	12.35	16	30.00	32.35
07	12.00	14.35	17	32.00	34.35
08	14.00	16.35	18	34.00	36.35
09	16.00	18.35	19	36.00	38.35
10	18.00	20.35	20	38.00	40.35
11	20.00	22.35			

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					
5					

GENERAL TOLERANCE	
.X	±0.30
.XX	±0.20
.XXX	±0.10
X.°	±2°
PROJECT	
⊕	⊖

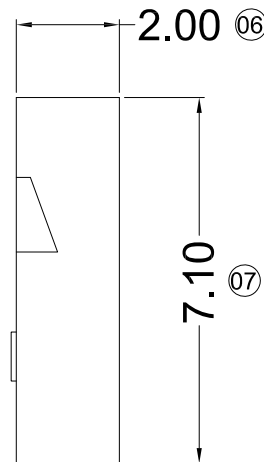
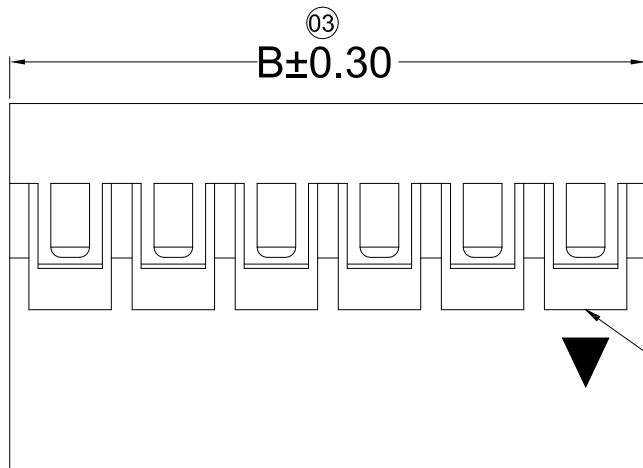
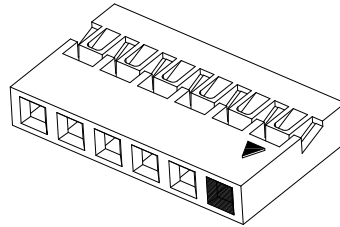
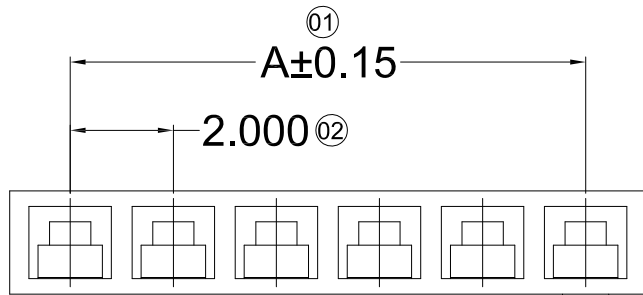


东莞市国亚电子有限公司
Dong Guan Guo Ya Connectors co., ltd.

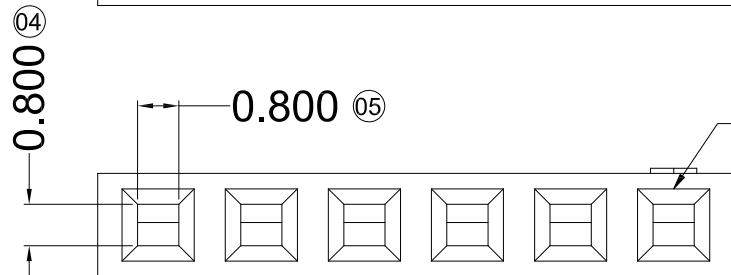
APPROVAL	CHECK	DRAWN	DATE
Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26

PART NO.				
4601H-XX-XXXX				
TITLE				
2.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-057

RoHS



Circuit 1



Plug 01Pin



■Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable GYA Terminal 4601T
- Mates With GYA Pin Heade Or Box Header 4601W

4601 H X-XX K01-PT 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-02P~20P

⑤ Plug the Pin & special No.: K01-Plug 01Pin

⑥ Material: N0-PA66 UL 94V-0
PT-PBT UL 94V-0

⑦ Color: Blank-Natural Color
HF-Halogen Free

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.00	4.35	12	22.00	24.35
03	4.00	6.35	13	24.00	26.35
04	6.00	8.35	14	26.00	28.35
05	8.00	10.35	15	28.00	30.35
06	10.00	12.35	16	30.00	32.35
07	12.00	14.35	17	32.00	34.35
08	14.00	16.35	18	34.00	36.35
09	16.00	18.35	19	36.00	38.35
10	18.00	20.35	20	38.00	40.35
11	20.00	22.35			

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					

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

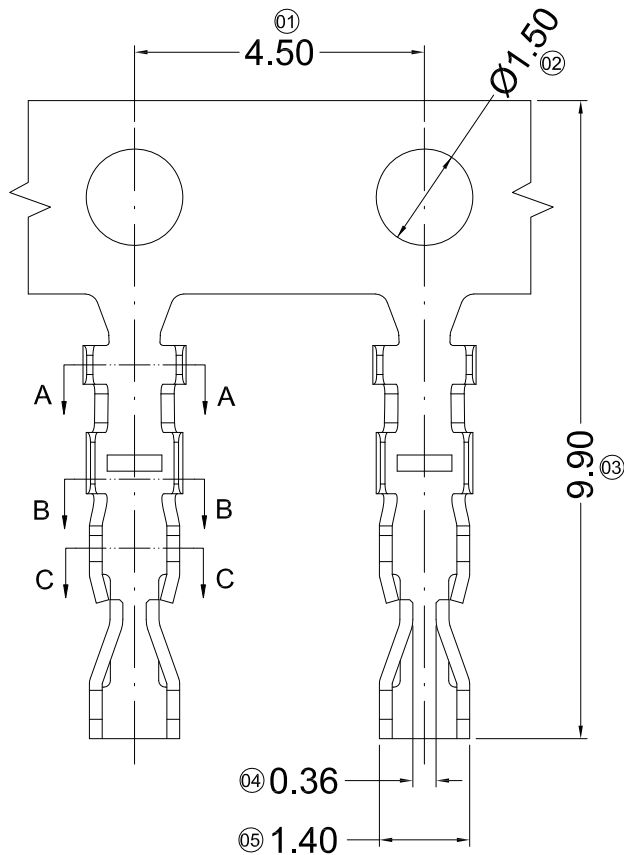
PART NO.

4601H-XXK01-XXXX

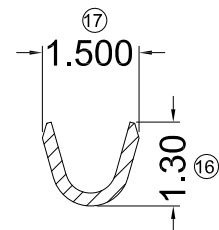
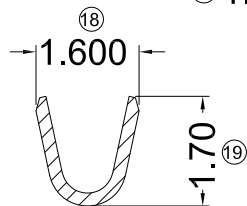
TITLE 2.00mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-057

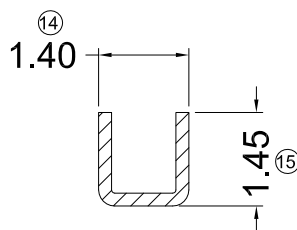
RoHS



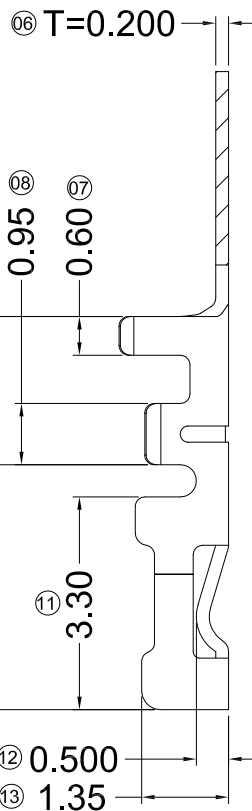
SECTION: A-A
SCALE: 1:1



SECTION: B-B
SCALE: 1:1



SECTION: C-C
SCALE: 1:1



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Wire Range: AWG#26-30
- Insulation O.D.: 1.40mm(Max)
- Used In GYA Housing: 4601H

4601 T X - X XX X - A
① ②③ ④ ⑤ ⑥ ⑦

- ① Series Number
② Category: T-terminal
③ Shape: Blank-Ordinary
④ Material: P-Phosphor bronze
⑤ Plating style: V01- All Gold-Plated
G01-Gold Plated Contact
SN-Bright tin plating
⑥ Plating method: Blank-Stamping before plating
⑦ Special No. : A



GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



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.

4601T-XXX-A

TITLE

2.00mm Crimp Style Connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-106

DATE

REV

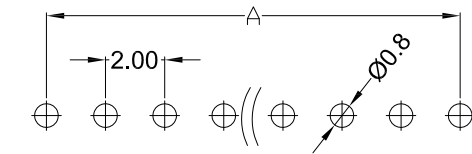
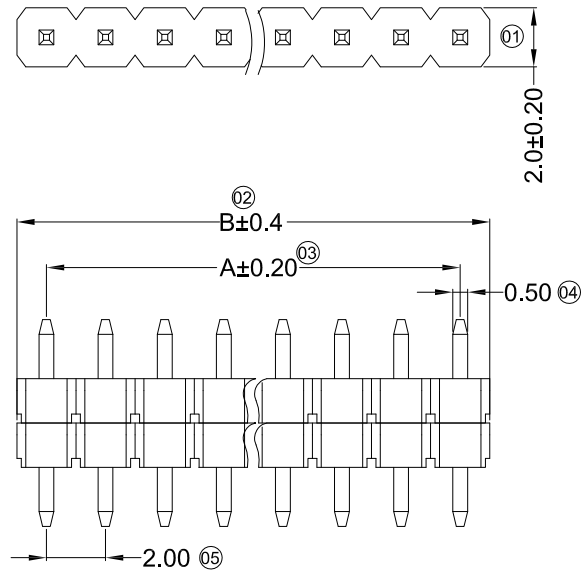
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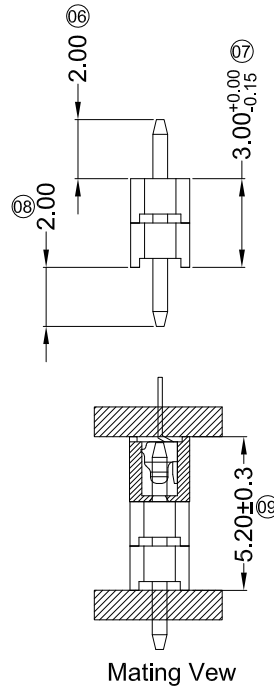
MODIFY

APPROVAL

RoHS



Recommended P.C.B Layout
General Tolerance±0.05



Mating View

4601WV-XX-6TV30-J2	Brass	30u"Au \ 50u" Ni Min	4601H
4601WV-XX-6TV15-J2	Brass	15u"Au \ 50u" Ni Min	4601H
4601WV-XX-6TV01-J2	Brass	Gold-Flash \ 50u" Ni Min	4601H
PART NO	Material(Pin)	Finish(Pin)	Mates With GYA Housing

■ Specifications :

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

4601 W V - XX XX - 6T XXX - XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series No.

② Category: W-wafer

③ Welding Board Angle: V-180°

④ Row No.-Pin No.: XX-Single Row

⑤ Plug the Pin & Special NO.:

⑥ Material: 6T-PA6T UL94V-0

⑦ Planting Category:

Contact Area: V01-Gold flash V15- 15u" Au V30- 30u" Au

Solder Area: Gold flash ; Underplated 50u"Min Ni Allover

⑧ J2-L=6.4/2.0/2.0

Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
01	-	2.00	15	28.00	30.00	29	56.00	58.00
02	2.00	4.00	16	30.00	32.00	30	58.00	60.00
03	4.00	6.00	17	32.00	34.00	31	60.00	62.00
04	6.00	8.00	18	34.00	36.00	32	62.00	64.00
05	8.00	10.00	19	36.00	38.00	33	64.00	66.00
06	10.00	12.00	20	38.00	40.00	34	66.00	68.00
07	12.00	14.00	21	40.00	42.00	35	68.00	70.00
08	14.00	16.00	22	42.00	44.00	36	70.00	72.00
09	16.00	18.00	23	44.00	46.00	37	72.00	74.00
10	18.00	20.00	24	46.00	48.00	38	74.00	76.00
11	20.00	22.00	25	48.00	50.00	39	76.00	78.00
12	22.00	24.00	26	50.00	52.00	40	78.00	80.00
13	24.00	26.00	27	52.00	54.00			
14	26.00	28.00	28	54.00	56.00			



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

PART NO.

4601WV-XX-6TXXX-J2

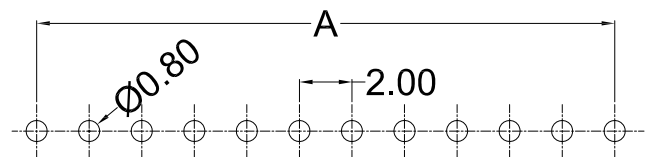
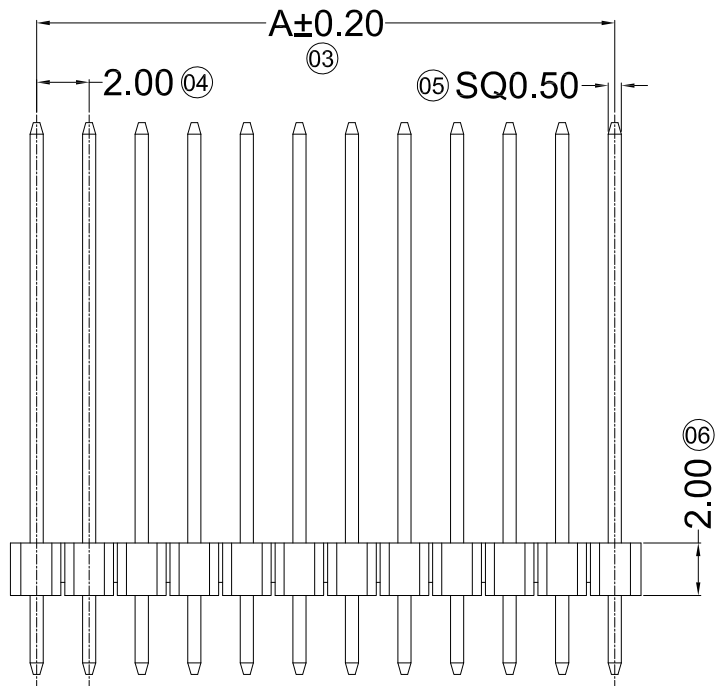
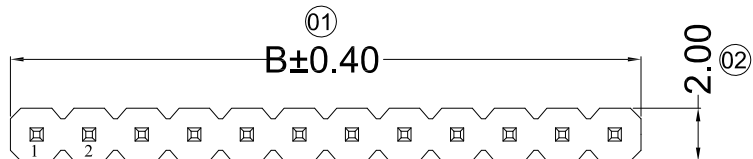
TITLE 2.00mm Pin Header Connectors

UNIT SCALE SHEET REV NUMBER

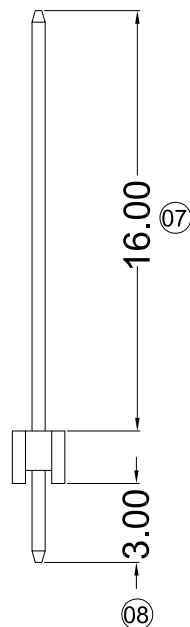
mm 1:1 1/1 A0 A-195

DATE REV ECN NO. DESCRIPTION MODIFY APPROVAL

RoHS



Recommended P.C.B Layout
General Tolerance±0.05



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40° ~+105°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin): Brass
- Mates With GYA 4601FR-XX-6TXXX-02

4601W V X- XX- 6T XX XX - 04

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-Header Connector
③ Connector Type: V- Straight 180°
④ Mounting Type: Blank-DIP
⑤ Row No.-Pin No.: XX-Single Row
⑥ Material: 6T-PA6T 94V-0
⑦ Plating Category: V01-All Area Gold Flash; Ni 50u" Min.
⑧ Color:Blank-Black
⑨ 04-16.00/2.00/3.00

Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
02	2.00	4.00	15	28.00	30.00	28	54.00	56.00
03	4.00	6.00	16	30.00	32.00	29	56.00	58.00
04	6.00	8.00	17	32.00	34.00	30	58.00	60.00
05	8.00	10.00	18	34.00	36.00	31	60.00	62.00
06	10.00	12.00	19	36.00	38.00	32	62.00	64.00
07	12.00	14.00	20	38.00	40.00	33	64.00	66.00
08	14.00	16.00	21	40.00	42.00	34	66.00	68.00
09	16.00	18.00	22	42.00	44.00	35	68.00	70.00
10	18.00	20.00	23	44.00	46.00	36	70.00	72.00
11	20.00	22.00	24	46.00	48.00	37	72.00	74.00
12	22.00	24.00	25	48.00	50.00	38	74.00	76.00
13	24.00	26.00	26	50.00	52.00	39	76.00	78.00
14	26.00	28.00	27	52.00	54.00	40	78.00	80.00

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



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.

4601WV-XX-6TXXX-04

TITLE

2.00mm PIN Header Connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-213

A

RoHS



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40° ~+105°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin): Brass
- Mates With GYA 4601FR-XX-6TXXX-02

4601W V X- XX- 6T XX XX - 04

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-Header Connector

③ Connector Type: V- Straight 180°

④ Mounting Type: Blank-DIP

⑤ Row No.-Pin No.: XX-Single Row

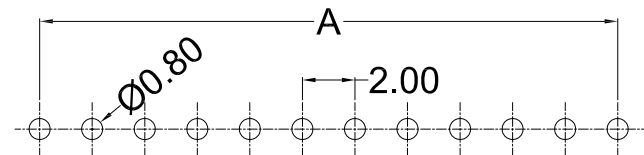
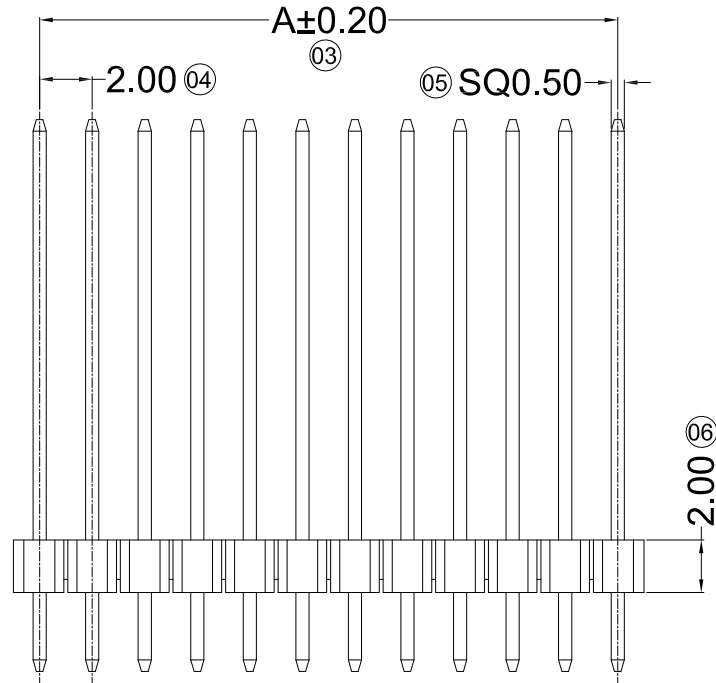
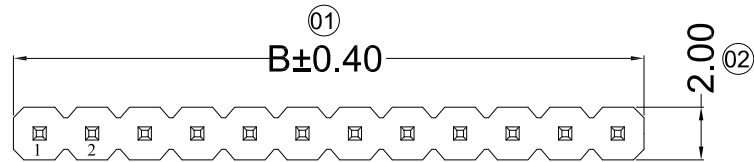
⑥ Material: 6T-PA6T 94V-0

⑦ Plating Category: V01-All Area Gold Flash; Ni 50u" Min.

⑧ Color:Blank-Black

⑨ 04-16.00/2.00/3.00

Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
02	2.00	4.00	15	28.00	30.00	28	54.00	56.00
03	4.00	6.00	16	30.00	32.00	29	56.00	58.00
04	6.00	8.00	17	32.00	34.00	30	58.00	60.00
05	8.00	10.00	18	34.00	36.00	31	60.00	62.00
06	10.00	12.00	19	36.00	38.00	32	62.00	64.00
07	12.00	14.00	20	38.00	40.00	33	64.00	66.00
08	14.00	16.00	21	40.00	42.00	34	66.00	68.00
09	16.00	18.00	22	42.00	44.00	35	68.00	70.00
10	18.00	20.00	23	44.00	46.00	36	70.00	72.00
11	20.00	22.00	24	46.00	48.00	37	72.00	74.00
12	22.00	24.00	25	48.00	50.00	38	74.00	76.00
13	24.00	26.00	26	50.00	52.00	39	76.00	78.00
14	26.00	28.00	27	52.00	54.00	40	78.00	80.00



Recommended P.C.B Layout
General Tolerance±0.05

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



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

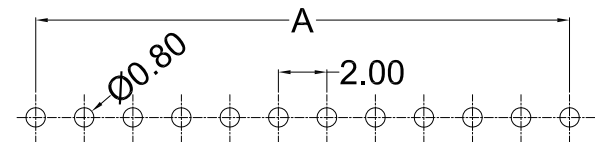
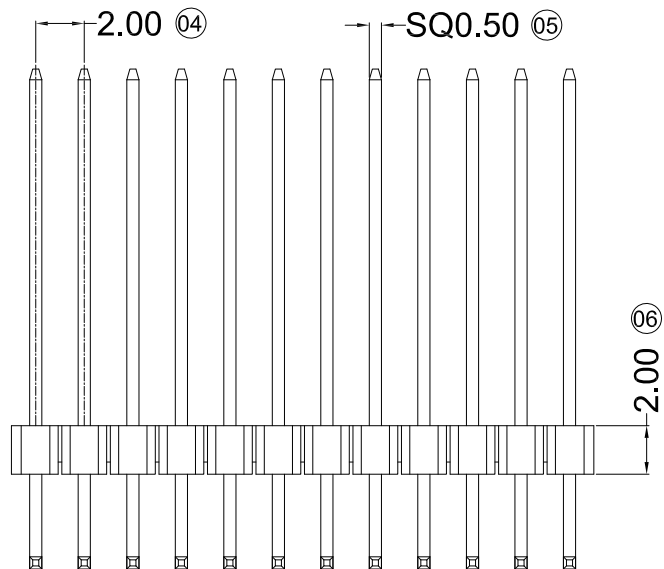
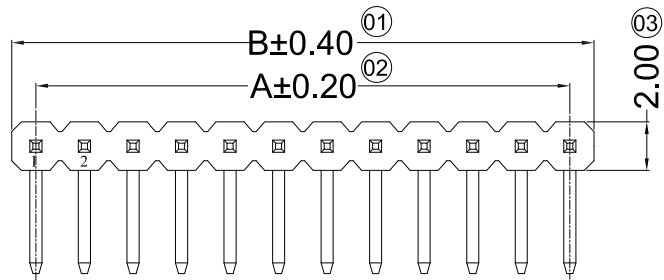
PART NO.

4601WV-XX-6TXXX-04

TITLE 2.00mm PIN Header Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-213

RoHS



Recommended P.C.B Layout
General Tolerance±0.05



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40° ~+105°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin): Brass
- Mates With GYA 4601FV-XX-XXXXXX-01

4601W R X- XX- 6T XX XX - 01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-Header Connector

③ Connector Type: R- 90°

④ Mounting Type: Blank-DIP

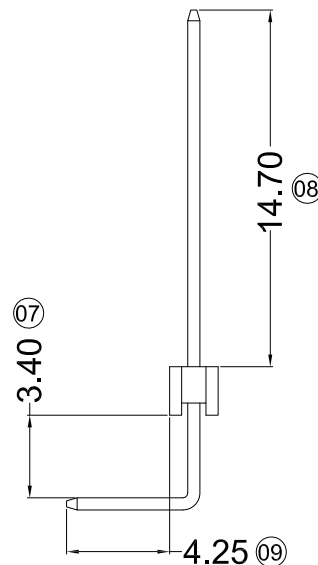
⑤ Row No.-Pin No.: XX-Single Row

⑥ Material: 6T-PA6T 94V-0

⑦ Plating Category: V01-All Area Gold Flash; Ni 50u" Min.

⑧ Color:Blank-Black

01-14.70/2.00/4.25



Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
02	2.00	4.00	15	28.00	30.00	28	54.00	56.00
03	4.00	6.00	16	30.00	32.00	29	56.00	58.00
04	6.00	8.00	17	32.00	34.00	30	58.00	60.00
05	8.00	10.00	18	34.00	36.00	31	60.00	62.00
06	10.00	12.00	19	36.00	38.00	32	62.00	64.00
07	12.00	14.00	20	38.00	40.00	33	64.00	66.00
08	14.00	16.00	21	40.00	42.00	34	66.00	68.00
09	16.00	18.00	22	42.00	44.00	35	68.00	70.00
10	18.00	20.00	23	44.00	46.00	36	70.00	72.00
11	20.00	22.00	24	46.00	48.00	37	72.00	74.00
12	22.00	24.00	25	48.00	50.00	38	74.00	76.00
13	24.00	26.00	26	50.00	52.00	39	76.00	78.00
14	26.00	28.00	27	52.00	54.00	40	78.00	80.00

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



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.

4601WR-XX-6TXXXX-01

TITLE

2.00mm PIN Header Connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-213

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

6

7

8