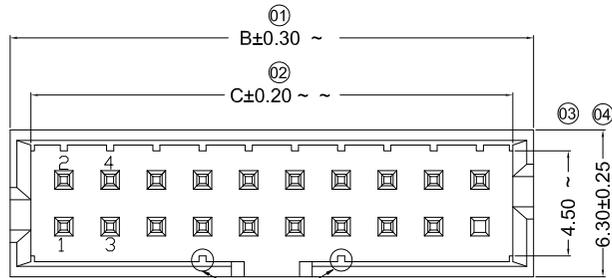
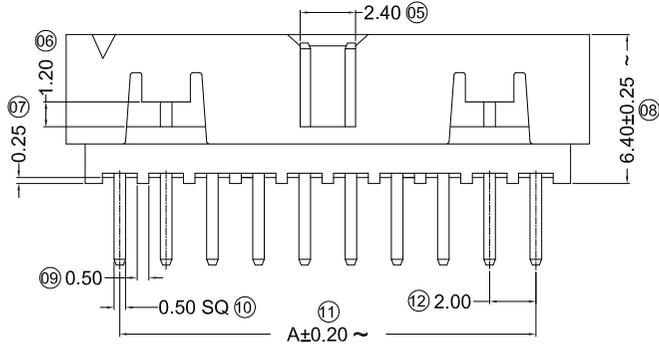


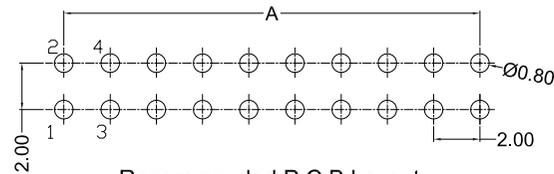
RoHS



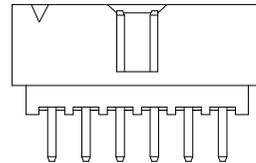
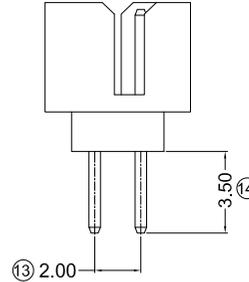
2*02~2*03P,2*07 Without RIB Option
2*04P~2*22P,2*25P With RIB Option



2*07P Above Double hole
Scale 1:1



Recommended P.C.B Layout
General Tolerance±0.05



2*02P~2*06P Without Double hole
Scale 1:2

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
- Material(Pin) Brass
- Mates With GYA Housing 4601H

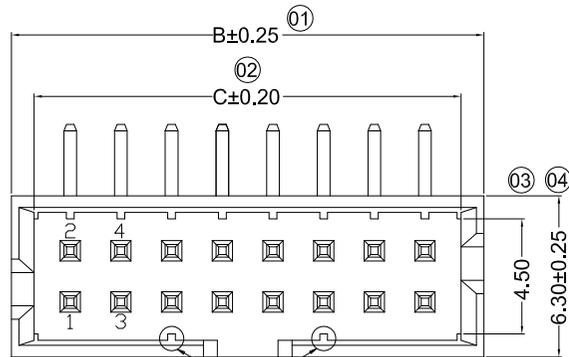
4601 K V X-2*XX U - 4T VXX X
① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: K-Cowfish Longhorn Connector
- ③ Welding Board Angle: V- Straight 180°
- ④ Welding Way: Blank-DIP
- ⑤ Row No.-Pin No.: 2*XX-2*02、2*03、2*04.....
- ⑥ Plug the Pin & Special No.: U-TAIL=3.5mm
- ⑦ Material: 4T-PA4T 94V-0 (Halogen Free)
- ⑧ Plating Category: SW-Contact Area Matte Tin ;
Solder Area Matte Tin 100u" Min. UNder Ni: 50u" Min
V01-Contact Area Gold Flash , Solder Area Gold Flash
Under Ni: 50u" Min.
V15-Contact Area Gold 15u" ;Solder Area Gold Flash
Under Ni: 50u" Min.
V30-Contact Area Gold 30u" ;Solder Area Gold Flash
Under Ni: 50u" Min
- ⑨ Color: N-Natural Color ; Blank-Black

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
2*02	2.00	6.65	4.85	2*13	24.00	28.65	26.85
2*03	4.00	8.65	6.85	2*14	26.00	30.65	28.85
2*04	6.00	10.65	8.85	2*15	28.00	32.65	30.85
2*05	8.00	12.65	10.85	2*16	30.00	34.65	32.85
2*06	10.00	14.65	12.85	2*17	32.00	36.65	34.85
2*07	12.00	16.65	14.85	2*18	34.00	38.65	36.85
2*08	14.00	18.65	16.85	2*19	36.00	40.65	38.85
2*09	16.00	20.65	18.85	2*20	38.00	42.65	40.85
2*10	18.00	22.65	20.85	2*21	40.00	44.65	42.85
2*11	20.00	24.65	22.85	2*22	42.00	46.65	44.85
2*12	22.00	26.65	24.85	2*25	48.00	52.65	50.85

				GENERAL TOLERANCE		东莞市国亚电子有限公司 Dong Guan Guo Ya Connectors co., ltd.				PART NO. 4601KV-2*XXU-4TVXX				
				.X ±0.30						TITLE 2.00mm Box Header connectors				
				.XX ±0.20						UNIT SCALE SHEET REV NUMBER				
				.XXX ±0.10						mm 1:1 1/1 A0 A-000				
				X.° ±2°		APPROVAL	CHECK	DRAWN	DATE					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26					

RoHS



2*02~2*03P,2*07 Without RIB Option
2*04P~2*22P,2*25P With RIB Option

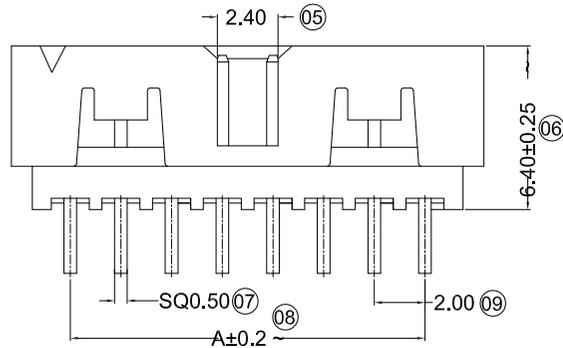
■ Specifications :

- 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
- Material(Pin):Brass
- Mates With GYA Housing:4601H

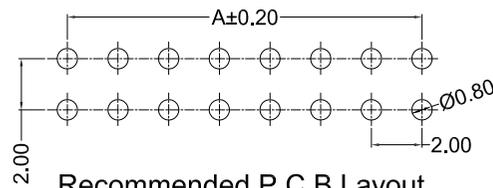
4601 K R X - 2*XX B - 4T XXX XX

① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨

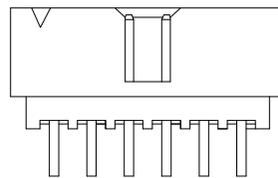
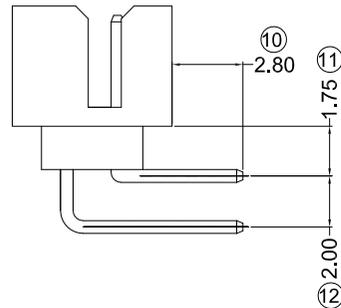
- ① Series No.
- ② Category: K-Cowfish Longhorn Connector
- ③ Connector type: R- Right Angle 90°
- ④ Mounting type: Blank-DIP
- ⑤ Row No.-Pin No per row: 2*XX-Double Row
- ⑥ Special No.: B-With Convex platform
- ⑦ Material: 4T-PA4T 94V-0
- ⑧ Planting Code: V01-Gold Flash ; SW- Matte Tin
Sn: 100u" Min. ; All over Ni: 50u" Min.
- ⑨ Color: Blank-Natural Black Color



2*07P Above Double hole
Scale 1:1



Recommended P.C.B Layout
General Tolerance±0.05



2*02P~2*06P Without Double hole
Scale 1 : 2



Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
2*02	2.00	6.65	4.85	2*13	24.00	28.65	26.85
2*03	4.00	8.65	6.85	2*14	26.00	30.65	28.85
2*04	6.00	10.65	8.85	2*15	28.00	32.65	30.85
2*05	8.00	12.65	10.85	2*16	30.00	34.65	32.85
2*06	10.00	14.65	12.85	2*17	32.00	36.65	34.85
2*07	12.00	16.65	14.85	2*18	34.00	38.65	36.85
2*08	14.00	18.65	16.85	2*19	36.00	40.65	38.85
2*09	16.00	20.65	18.85	2*20	38.00	42.65	40.85
2*10	18.00	22.65	20.85	2*21	40.00	44.65	42.85
2*11	20.00	24.65	22.85	2*22	42.00	46.65	44.85
2*12	22.00	26.65	24.85	2*25	48.00	52.65	50.85

GENERAL TOLERANCE

- .X ±0.30
- .XX ±0.20
- .XXX ±0.10
- X.° ±2°



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

PART NO.
4601KR-2*XXB-4TXX

TITLE 2.00mm Box Header Style connectors

APPROVAL CHECK DRAWN DATE

PROJECT Yangzhengguo Yangzhengyi Lviansheng 2016/08/26

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

1 2 3 4 5 6 7 8

RoHS

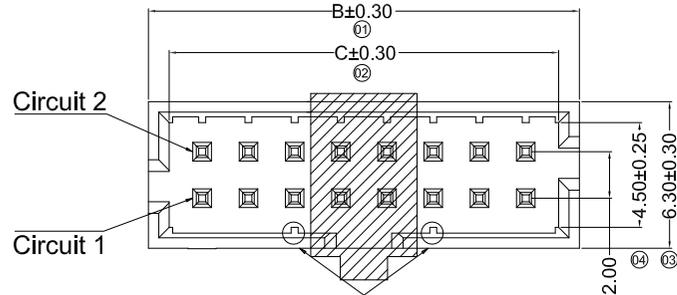


■ Specifications :

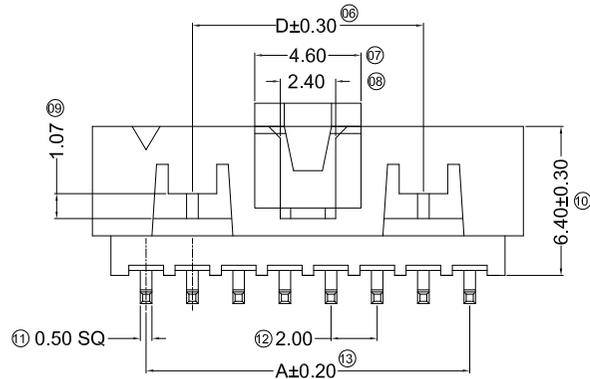
- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin): Brass
- Mates With GYA Housing : 4601H

4601 K V S - 2*XX B - 4T V15 X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

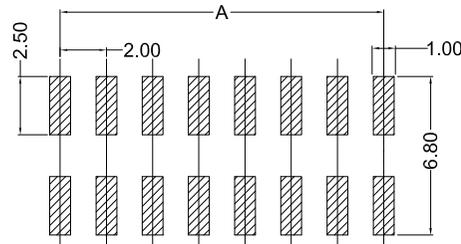
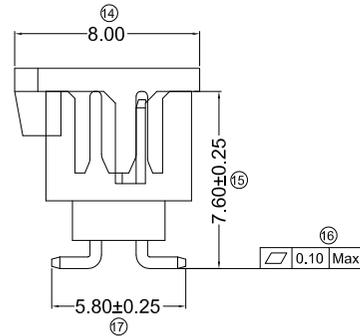
- ① Series No.
- ② Category: K-Cowfish Longhorn Connector
- ③ Connector type: V- Straight 180°
- ④ Mounting type: S-SMT
- ⑤ Row No.-Pin No per row: 2*XX-2*02、2*03、2*04.....
- ⑥ Special No.: B-With Convex platform;
- ⑦ Material: 4T-PA4T UL94V-0 (Halogen Free)
- ⑧ Plating Code: V15-Gold 15u" Min. ,Ni: 50u" Min.
- ⑨ Color: None- Black Color ; N-Natural Color



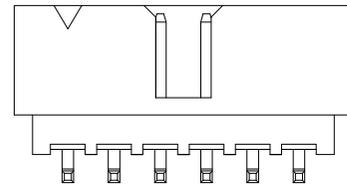
2*02~2*03P,2*07 Without RIB Option
 2*04P~2*22P,2*25P With RIB Option



2*07P Above Double hole
 Scale 1:1



Recommended P.C.B Layout
 General Tolerance±0.05



2*02P~2*06P Without Double hole
 Scale 1:1

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*02	2.00	6.65	4.85		2*13	24.00	28.65	26.85	20.00
2*03	4.00	8.65	6.85		2*14	26.00	30.65	28.85	22.00
2*04	6.00	10.65	8.85		2*15	28.00	32.65	30.85	24.00
2*05	8.00	12.65	10.85		2*16	30.00	34.65	32.85	26.00
2*06	10.00	14.65	12.85		2*17	32.00	36.65	34.85	28.00
2*07	12.00	16.65	14.85	8.00	2*18	34.00	38.65	36.85	30.00
2*08	14.00	18.65	16.85	10.00	2*19	36.00	40.65	38.85	32.00
2*09	16.00	20.65	18.85	12.00	2*20	38.00	42.65	40.85	34.00
2*10	18.00	22.65	20.85	14.00	2*21	40.00	44.65	42.85	36.00
2*11	20.00	24.65	22.85	16.00	2*22	42.00	46.65	44.85	38.00
2*12	22.00	26.65	24.85	18.00	2*25	48.00	52.65	50.85	44.00

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	

GYA 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. 4601KVS-2*XXB-4TV15X				
TITLE 2.00 mm Pin Header connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-013