

**■ SPECIFICATIONS**

- Current rating : 14A AC/DC For 16AWG
- Voltage rating : 400V AC/DC
- Withstanding voltage : 1,800V AC/minute
- Insulation resistance : 1,000MΩ min. initial
- Temperature range : - 40°C to + 105°C
- Contact resistance : 20mΩ max.

**■ CAP**

• Part No. : GJS-3503CAP-XX X

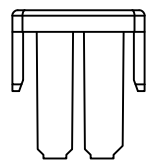
① ②

① Poles : 02-08

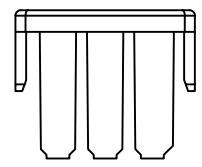
② Colour:

- A : Black
- B : Natural

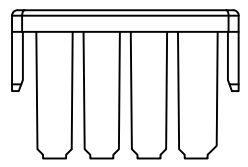
- Material : PA66 UL94V-0
- Mates With: GJS-3503SHX&3503HX-XXC Housing



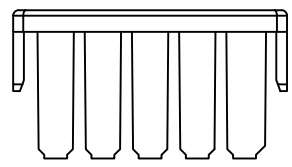
02P



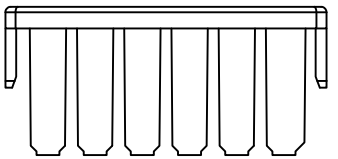
03P



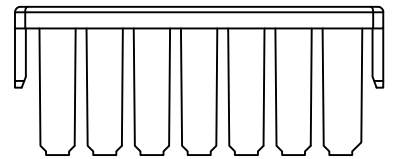
04P



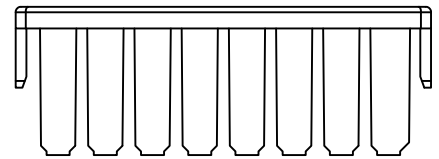
05P



06P



07P



08P

Poles	Dimensions(mm)	
	A	B
02	3.50	8.20
03	7.00	11.70
04	10.50	15.20
05	14.00	18.70
06	17.50	22.20
07	21.00	25.70
08	24.50	29.20



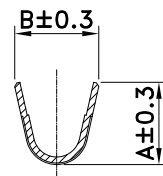
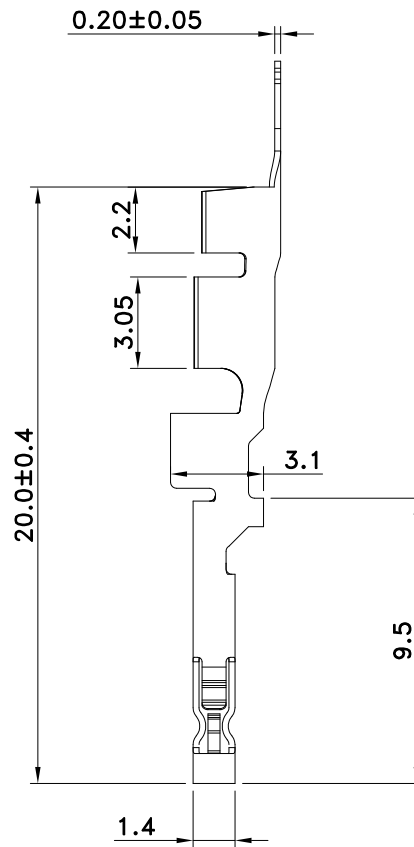
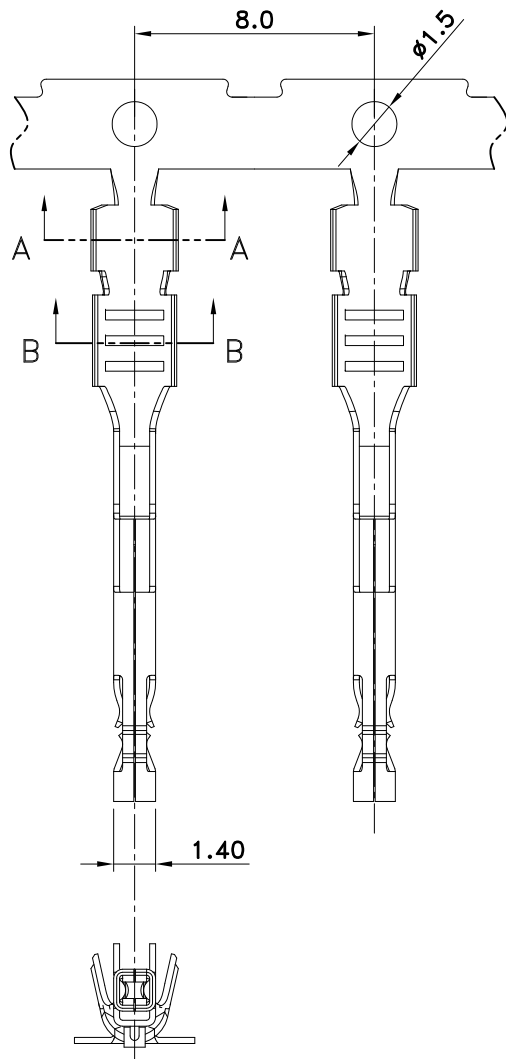
东莞乔唯电子有限公司  
DONGGUAN CHYAO WEI  
ELECTRONIC CO., LTD

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△							
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△							
曾慶根		a0	.000 ±0.10	△							
DRAWN BY	DATE	SIZE	ANGLE	△							
曾慶根	2021/08/05	A4	0° ±1°	△							
			.0° ±	△							
			SHEET 1/1	△							

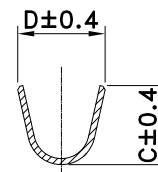
PART NO GJS-3503CAP-XXX

3.50mm Connector, CAP

CUSTOMER  
Conforms to The RoHS Instruction



Section:A-A



Section:B-B

■ SPECIFICATIONS

- Current rating : 14A AC/DC For 16AWG
- Voltage rating : 400V AC/DC
- Withstanding voltage : 1,800V AC/minute
- Insulation resistance : 1,000MΩ min. initial
- Temperature range : - 40°C to + 105°C
- Contact resistance : 20mΩ max.

■ TERMINAL

- Part No. : GJS-3503H-TPX(XX)

① ②

- ① Blank : 中腳  
H: 高腳

- ② Plated

Blank : Tin Plated (Standard Type)  
SG : Gold Flash (接觸區域鍍普金)

- Applicable Wires : AWG# 20 - 22(中腳)  
AWG# 16 - 18(高腳)
- Material : High Conductive copper alloy
- Thickness : 0.20mm (先沖后鍍)
- Q' ty : 5,000 Pcs./Reel
- Mates With: GJS-3503SHX&3503HX-XX Housing

料號	A	B	C	D
GJS-3503H-TP(XX)	2.20	2.20	2.10	2.33
GJS-3503H-TPH(XX)	2.80	2.80	2.63	2.90



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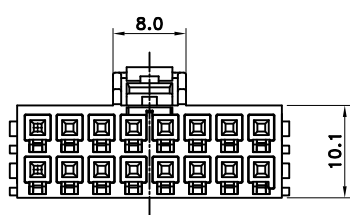
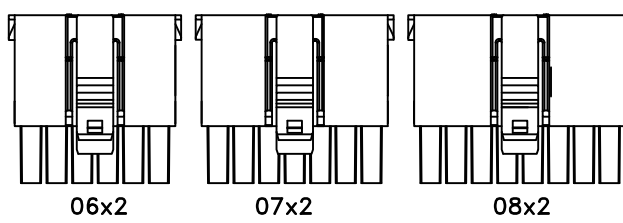
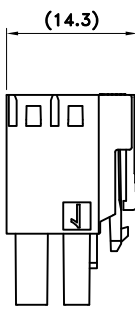
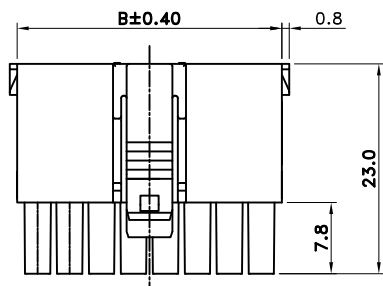
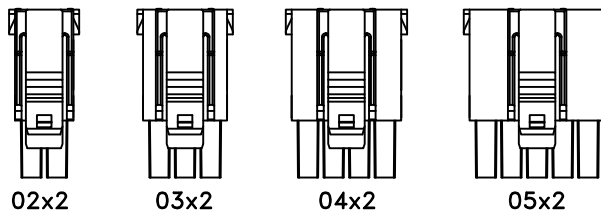
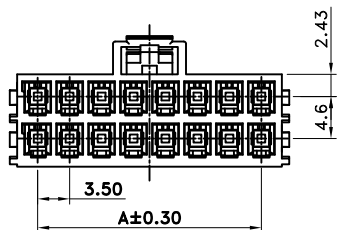
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△							
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△							
曾慶根		a0	.000 ±0.10	△							
DRAWN BY	DATE	SIZE	ANGLE	△							
曾慶根	2021/08/05	A4	0° ±1°	△							
			.0° ±	△							
			SHEET 1/1	△							

PART NO GJS-3503H-TP(XX)

3.50mm Connector, Crimp Terminal

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Conforms to The RoHS Instruction



Poles	Dimensions(mm)	
	A	B
02x2	3.50	8.00
03x2	7.00	11.50
04x2	10.50	15.00
05x2	14.00	18.50
06x2	17.50	22.00
07x2	21.00	25.50
08x2	24.50	29.00

**■ SPECIFICATIONS**

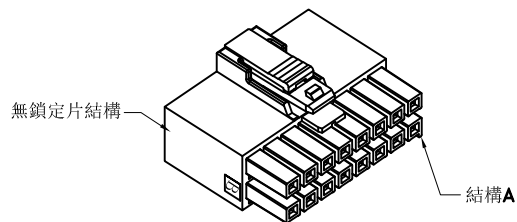
- Current rating : 14A AC/DC For 16AWG
- Voltage rating : 400V AC/DC
- Withstanding voltage : 1,800V AC/minute
- Insulation resistance : 1,000MΩ min. initial
- Temperature range : - 40°C to + 105°C
- Contact resistance : 20mΩ max.

**■ HOUSING**

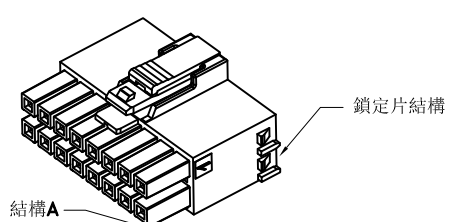
• Part No. : GJS-3503HX-XXx2 X  
 ① ② ③

- ① Structure :  
 A : 結構A, Coloer: Black  
 B : 結構B, Coloer: Natural
- ② Poles : 02x2-08x2
- ③ Blank : 無鎖定片結構  
 C : 有鎖定片結構

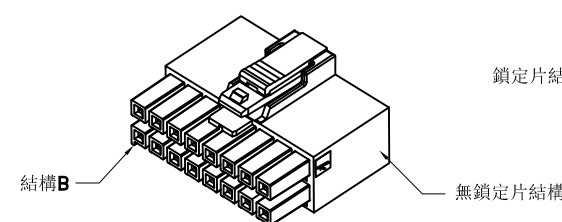
- Material : PA66 UL94V-0
- Mates With: GJS-2503H-TPXX Terminal
- Mates With: GJS-3503CAP-XXX CAP
- Mates With: GJS-3503DX&3503DRX-XXx2 Wafer



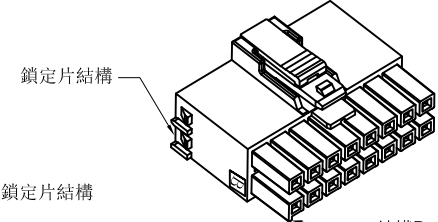
GJS-3503HA-XX  
 Coloer: Black



GJS-3503HA-XXC  
 Coloer: Black



GJS-3503HB-XX  
 Coloer: Natural



GJS-3503HB-XXC  
 Coloer: Natural

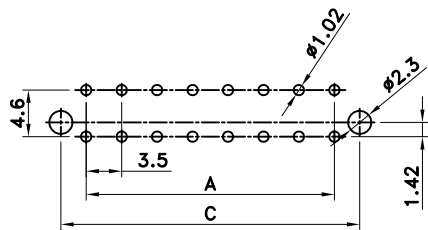


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APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△							
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△							
曾慶根		a0	.000 ±0.10	△							
DRAWN BY	DATE	SIZE	ANGLE	△							
曾慶根	2021/08/05	A4	0° ±1°	△							
			.0° ±	△							
			SHEET 1/1	△							

PART NO GJS-3503HX-XXx2X  
 3.50mm Connector, Housing

CUSTOMER  
 Conforms to The RoHS Instruction



**Recommended PCB Layout**  
General Tolerance  $\pm 0.05$

Poles	Dimensions(mm)		
	A	B	C
02x2	3.50	10.60	8.50
03x2	7.00	14.10	12.00
04x2	10.50	17.60	15.50
05x2	14.00	21.10	19.00
06x2	17.50	24.60	22.50
07x2	21.00	28.10	26.00
08x2	24.50	31.60	29.50
12x2	38.50	45.60	43.50

■ SPECIFICATIONS

- Current rating : 14A AC/DC For 16AWG
- Voltage rating : 400V AC/DC
- Withstanding voltage : 1,500V AC/minute
- Insulation resistance : 1,000M $\Omega$  min. initial
- Temperature range : - 40 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact resistance : 20m $\Omega$  max.

■ WAFER

- Part No. : GJS-3503X-XXx2

① ②

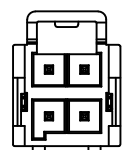
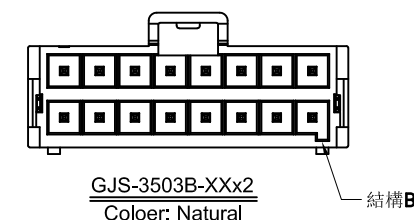
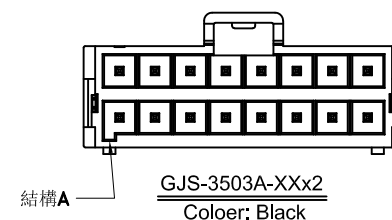
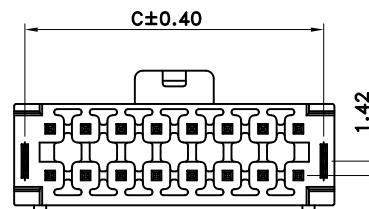
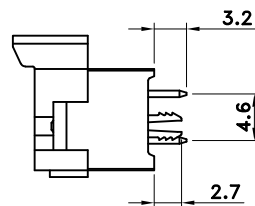
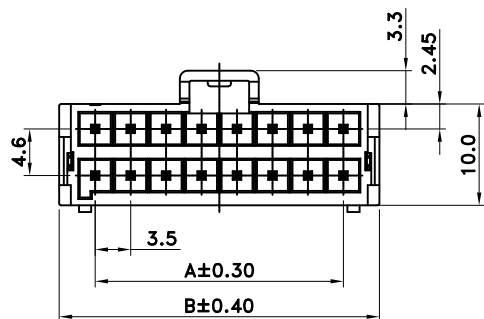
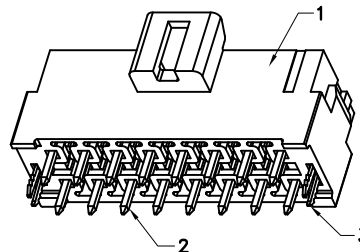
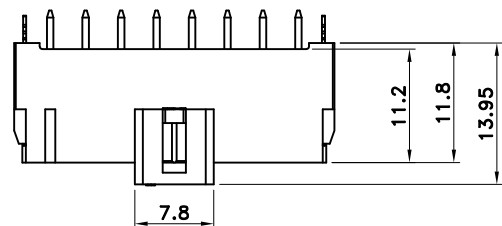
① Structure :

- A : 結構A, Coloe: Black
- B : 結構B, Coloe: Natural

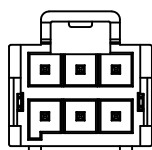
② Poles : 02x2-12x2

• Material

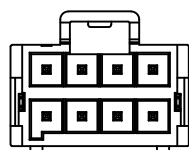
- 1、 Base: LCP UL94V-0
  - 2、 Contact: Copper Alloy ; Tin plated
  - 3、 Solder Tabs: Copper Alloy ; Tin plated
- Mates With: GJS-3503HX-XXx2X Housing



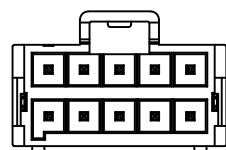
02x2P



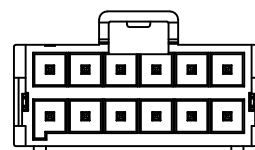
03x2P



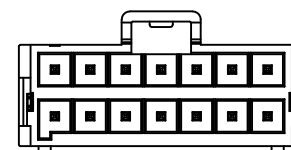
04x2P



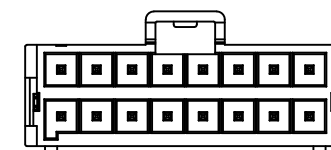
05x2P



06x2P



07x2P



08x2P



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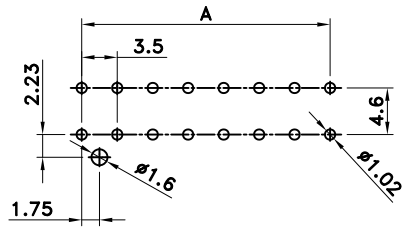
PART NO GJS-3503X-XXx2

3.50mm Connector, Wafer

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 $\pm 0.30$	$\Delta$							
CHECKED BY	PROJ	VER NO.	.00 $\pm 0.20$	$\Delta$							
曾慶根		a0	.000 $\pm 0.10$	$\Delta$							
DRAWN BY	DATE	SIZE	ANGLE	$\Delta$							
曾慶根	2021/08/05	A4	0 $^{\circ}$ $\pm 1^{\circ}$	$\Delta$							
			.0 $^{\circ}$ $\pm$	$\Delta$							
			SHEET 1/1	$\Delta$							

CUSTOMER

Conforms to The RoHS Instruction



**Recommended PCB Layout**  
General Tolerance  $\pm 0.05$

Poles	Dimensions(mm)	
	A	B
02x2	3.50	8.00
03x2	7.00	11.50
04x2	10.50	15.00
05x2	14.00	18.50
06x2	17.50	22.00
07x2	21.00	25.50
08x2	24.50	29.00
12x2	38.50	43.00

■ **SPECIFICATIONS**

- Current rating : 14A AC/DC For 16AWG
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- Insulation resistance : 1,000M $\Omega$  min. initial
- Temperature range : - 40 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact resistance : 20m $\Omega$  max.

■ **WAFER**

- Part No. : GJS-3503X-XXx2 P

① ② ③

① Structure :

- A : 結構A, Coloe: Black
- B : 結構B, Coloe: Natural

② Poles : 02x2-12x2

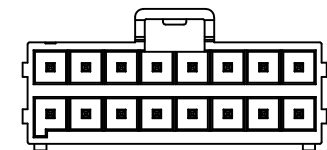
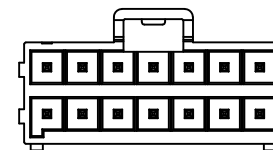
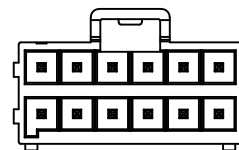
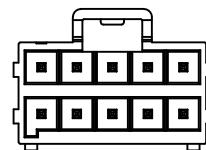
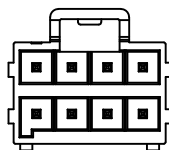
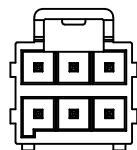
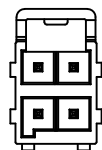
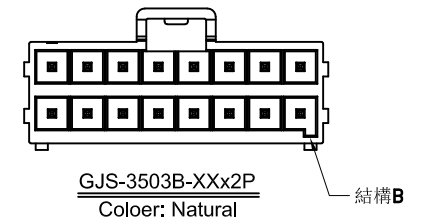
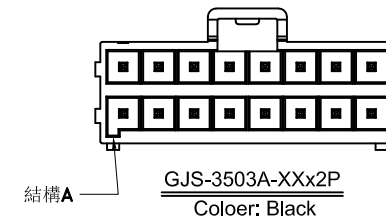
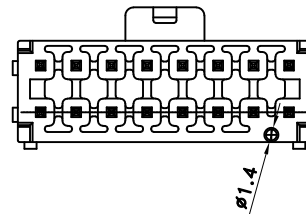
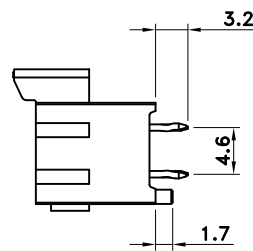
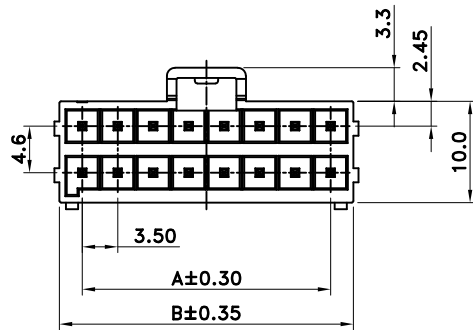
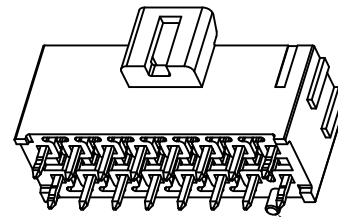
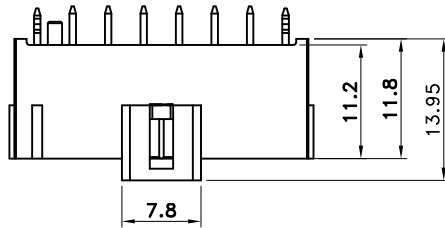
③ P : 有定位柱

• Material

Base: LCP UL94V-0

Contact: Copper Alloy ; Tin Plated

- Mates With: GJS-3503HX-XXx2X Housing



02x2P

03x2P

04x2P

05x2P

06x2P

07x2P

08x2P



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DONGGUAN CHYAO WEI  
ELECTRONIC CO., LTD

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 $\pm 0.30$	$\Delta$							
CHECKED BY	PROJ	VER NO.	.00 $\pm 0.20$	$\Delta$							
曾慶根		a0	.000 $\pm 0.10$	$\Delta$							
DRAWN BY	DATE	SIZE	ANGLE	$\Delta$							
曾慶根	2021/08/05	A4	0 $^{\circ}$ $\pm 1^{\circ}$	$\Delta$							
			.0 $^{\circ}$ $\pm$	$\Delta$							
			SHEET 1/1	$\Delta$							

PART NO GJS-3503X-XXx2P

3.50mm Connector, Wafer

CUSTOMER

Conforms to The RoHS Instruction