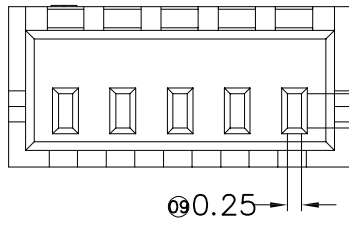
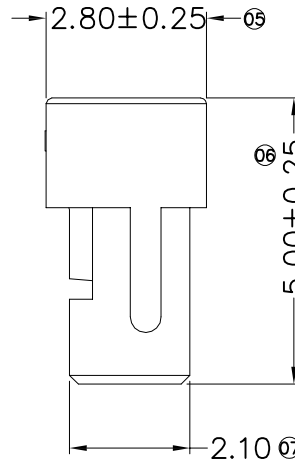
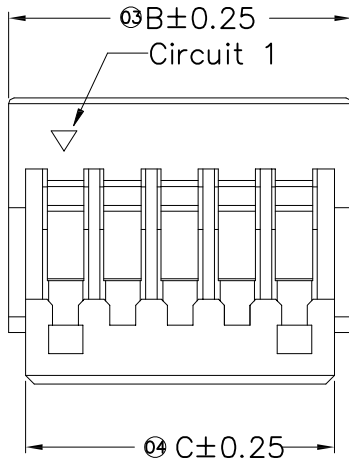
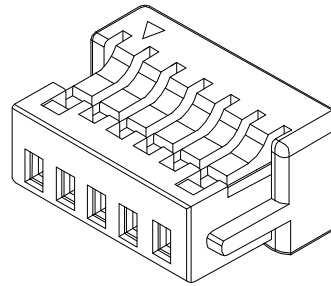
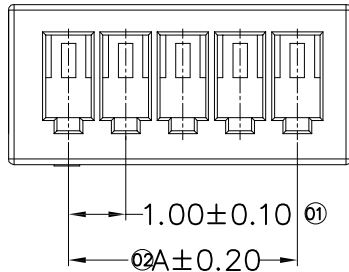


RoHS



■ Specifications

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25° ~ +85°
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing ; ≤40mΩ
- Suitable GYA Terminal: A1003T
- Mates With GYA Wafer: A1003W

A1003 H X-XX X-NO XX XX

- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧
- ① Series No.
  - ② Category : H-HSG
  - ③ Connector type : Blank-ordinary
  - ④ Row No.-Pin No per row: XX-02P~24P
  - ⑤ Special No.
  - ⑥ Plastic Material:NO-PA66 94V-0
  - ⑦ RoHS/HF Code: HF-Halogen Free ; Blank- Halogen
  - ⑧ Color: Blank-natural color

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	1.00	3.00	2.40	13	12.00	14.00	13.40
03	2.00	4.00	3.40	14	13.00	15.00	14.40
04	3.00	5.00	4.40	15	14.00	16.00	15.40
05	4.00	6.00	5.40	16	15.00	17.00	16.40
06	5.00	7.00	6.40	17	16.00	18.00	17.40
07	6.00	8.00	7.40	18	17.00	19.00	18.40
08	7.00	9.00	8.40	19	18.00	20.00	19.40
09	8.00	10.00	9.40	20	19.00	21.00	20.40
10	9.00	11.00	10.40	22	21.00	23.00	22.40
11	10.00	12.00	11.40	24	23.00	25.00	24.40
12	11.00	13.00	12.40				

					<b>GENERAL TOLERANCE</b> .X ±0.30 .XX ±0.20 .XXX ±0.10 X. ±2° PROJECT				<b>GYA</b> 东莞市国亚电子有限公司 Dong Guan Guo Ya Connectors co.,ltd.				<b>PARTNO.</b> A1003H-XX-NOXX <b>TITLE</b> 1.00 mm Crimp Style Connectors			
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER		
						Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26	mm	1:1	1/1	A0	A-041		

RoHS

■ Specifications

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25° ~ +85°
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤40mΩ
- Suitable GYA Terminal: A1003T
- Mates With GYA Wafer: A1003W

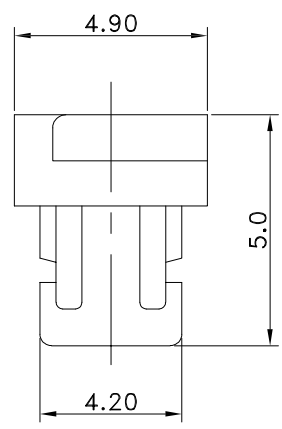
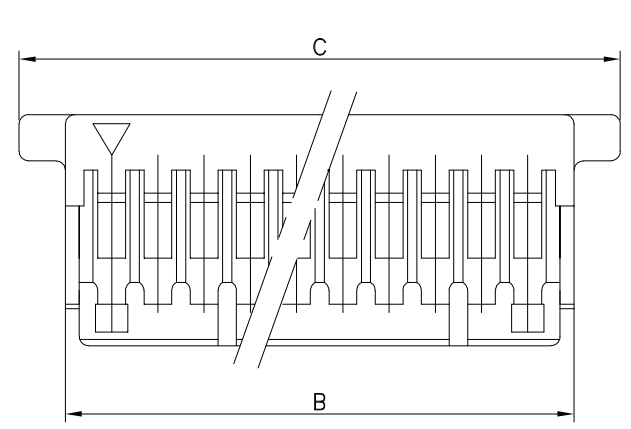
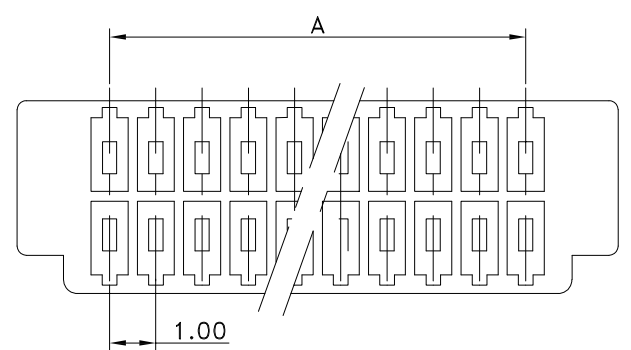


A1003 H X-2\*XX X-NO XX XX

- ① Series No.
- ② Category : H-HSG
- ③ Connector type : Blank-ordinary
- ④ Row No.-Pin No per row: 2\*XX-2\*Q2P~2\*24P
- ⑤ Special No.
- ⑥ Plastic Material:N0-PA66 94V-0
- ⑦ RoHS/HF Code: HF-Halogen Free ; Blank- Halogen
- ⑧ Color: Blank-natural color

Dimensional & Ordering Information:

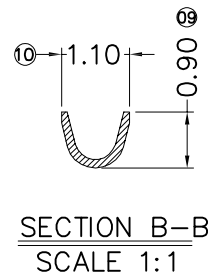
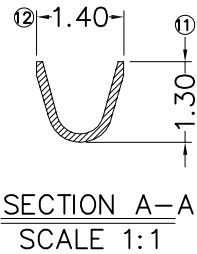
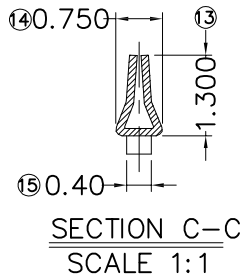
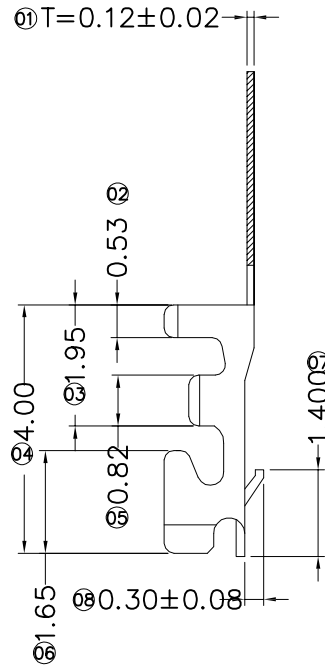
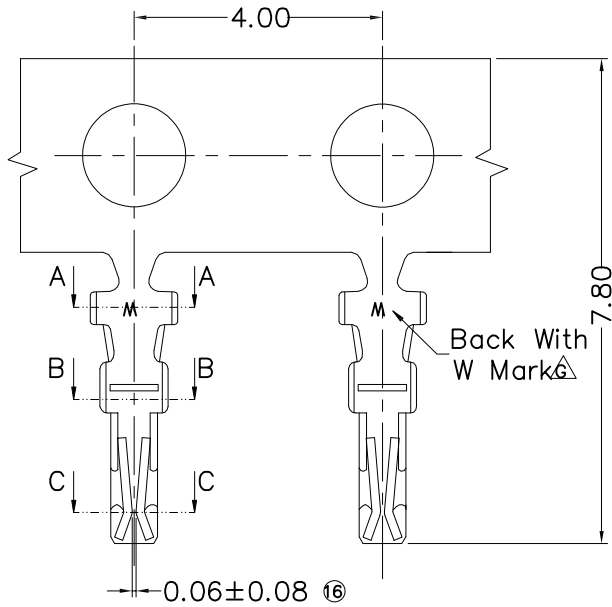
Cir-cuits	Part No	Dimension mm			Q' ty/ bag
		A	B	C	
2x4	A1000H-8	3.0	5.2	7.0	1,000
2x5	A1000H-10	4.0	6.2	8.0	1,000
2x6	A1000H-12	5.0	7.2	9.0	1,000
2x7	A1000H-14	6.0	8.2	10.0	1,000
2x8	A1000H-16	7.0	9.2	11.0	1,000
2x10	A1000H-20	9.0	11.2	13.0	1,000
2x11	A1000H-22	10.0	12.2	14.0	1,000
2x12	A1000H-24	11.0	13.2	15.0	1,000
2x15	A1000H-30	14.0	16.2	18.0	1,000
2x20	A1000H-40	19.0	21.2	23.0	1,000
2x25	A1000H-50	24.0	26.2	28.0	1,000



DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					

GENERAL TOLERANCE		东莞市国亚电子有限公司 Dong Guan Guo Ya Connectors co.,l td.		PARTNO.	
.X	±0.30			A1003H-2*XX-NOXX	
.XX	±0.20			TITLE	
.XXX	±0.10			1.00 mm Crimp Style Connectors	
X.'	±2'	APPROVAL	CHECK	DRAWN	DATE
PROJECT		Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26
UNIT		mm	SCALE	SHEET	REV
NUMBER			1:1	1/1	A0
					A-041

RoHS



■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25° ~+85°
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤40mΩ

A1003 T X-P XX X-X  
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① SeriesNumber
- ② Category: T-terminal
- ③ Shape: Blank-ordinary
- ④ Material: P-Phosphor bronze
- ⑤ Plating Code:  
 V\*\*-All Gold-Plated; \*01-Gold Flash; \*03-3u" Au  
 SN-Bright tin plating
- ⑥ Platingmethod:  
 Blank-Stamping beforeplating  
 B-Plating before stamping
- ⑦ MoldNo./Mark/Special No.

A1003T-PV03	Phosphor Bronze	AWG#28-32	0.80mm(Max)	Stamping Before Plating:30u" Ni:Whole Gold :3u" Min.	A1003H
A1003T-PV01				Stamping Before Plating:30u" Ni:Whole Gold :Gold Flash	
A1003T-PSN				Stamping Before Plating:30u" Ni:70u"Sn	
PART NO	Material	Wire Range	Insulation: 0.0	Finish	Used In GYA Housing

GENERAL TOLERANCE	
.X	±0.30
.XX	±0.20
.XXX	±0.10
X.*	±2°

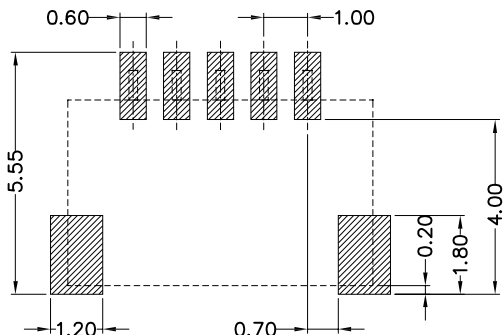
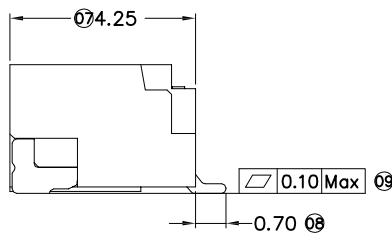
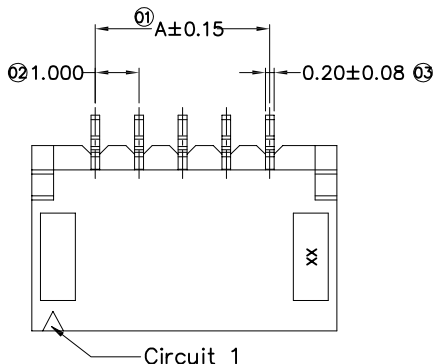
**GYA** 东莞市国亚电子有限公司  
 Connectors Dong Guan Guo Ya Connectors co.,l td.

PARTNO. A1003T-XXX				
TITLE 1.00 mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-014

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

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
1		2			

RoHS



Recommended P.C.B Layout  
General Tolerance ±0.05



- Specifications :
- Voltage rating: 50V AC / DC
  - Current rating: 1A AC / DC
  - Withstanding voltage: 500V AC/minute
  - Temperature range: -25° ~ +85°
  - Insulation resistance: ≥100MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing: ≤40mΩ
- Material(Pin): Phosphor Bronze
  - Material(Solder Tabs): Brass
  - Finish(Pin And Solder Tabs): Bright tin plating
  - Mates With GYA Housing: A1003H

A1003 W R S-XX X-LP SN XX  
① ②③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 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~22P
- ⑥ Special No.: Blank-ordinary
- ⑦ Material : LP-LCP 94V-0
- ⑧ Planting Code: SN-Bright tin plating
- ⑨ Color: Blank-Natural Color

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	1.00	2.40	4.00	12	11.00	12.40	14.00
03	2.00	3.40	5.00	13	12.00	13.40	15.00
04	3.00	4.40	6.00	14	13.00	14.40	16.00
05	4.00	5.40	7.00	15	14.00	15.40	17.00
06	5.00	6.40	8.00	16	15.00	16.40	18.00
07	6.00	7.40	9.00	17	16.00	17.40	19.00
08	7.00	8.40	10.00	18	17.00	18.40	20.00
09	8.00	9.40	11.00	19	18.00	19.40	21.00
10	9.00	10.40	12.00	20	19.00	20.40	22.00
11	10.00	11.40	13.00	22	21.00	22.40	24.00

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL

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  
Connectors Dong Guan Guo Ya Connectors co., Ltd.

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

PARTNO. A1003WRS-XX-LPSN				
TITLE 1.00 mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-001