

RoHS

RD-1

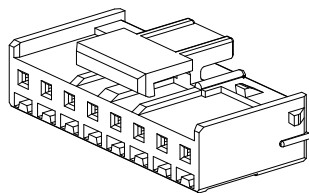
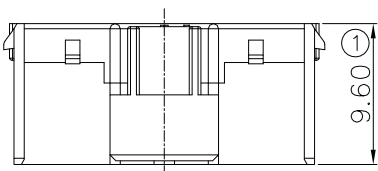
Poles	Dimensions/mm		
	A	B	C
2	2.50	5.50	4.10
3	5.00	8.00	6.60
4	7.50	10.50	9.10
5	10.00	13.00	11.60
6	12.50	15.50	14.10
7	15.00	18.00	16.60
8	17.50	20.50	19.10
9	20.00	23.00	21.60
10	22.5	25.50	24.10
11	25.00	28.00	26.60
12	27.50	30.50	29.10
13	30.00	33.00	31.60
14	32.50	35.50	34.10
15	35.00	38.00	36.60

■ Specifications:

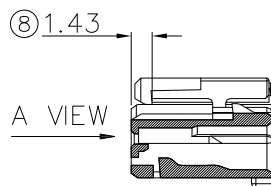
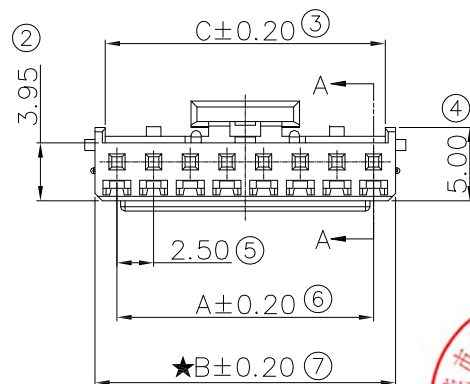
- Voltage rating: 250V AC/DC
- Current rating: 3.5A AC/DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 40\text{m}\Omega$
- Applicable terminal: 2512T series
TPA: C2512 series
- Mate with Header: 2512W series

2512 H -XX -NOHF NC
① ② ③ ④ ⑤

- ① Series No.
② Category: H—Housing
③ Row No.—Pin No: XX—Single Row 2~15Pin
④ Plastic material: NO— PA66 UL 94—V0,
HF—Halogen free
⑤ Color: NC— Natural

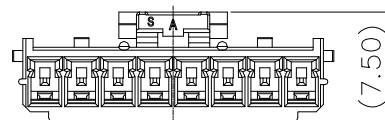


B VIEW

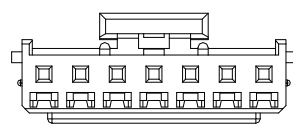


A VIEW

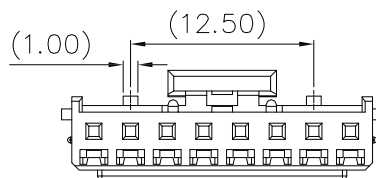
SECTION A-A



A VIEW

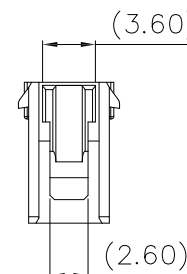


2~7P

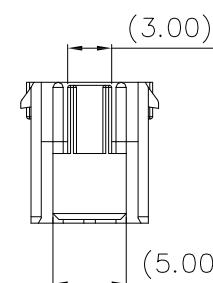


8~15P

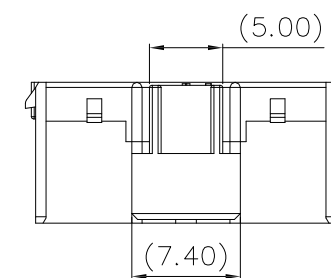
B VIEW



2P



3P



4~15P

Circuit N

Circuit 1



GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT

Yangzhengguo

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.

2512H-XX-NOHFNC

TITLE

2.50 WTB CONN.

Housing

UNIT

SCALE

SHEET

REV

NUMBER

mm

2:1

1/1

A0

XXXX

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

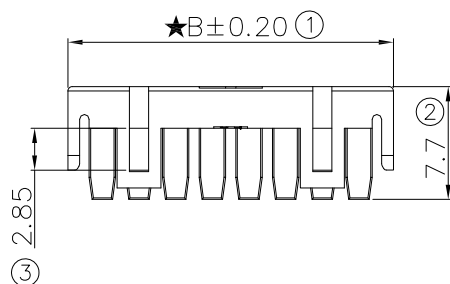
6

7

8

RoHS

RD-1



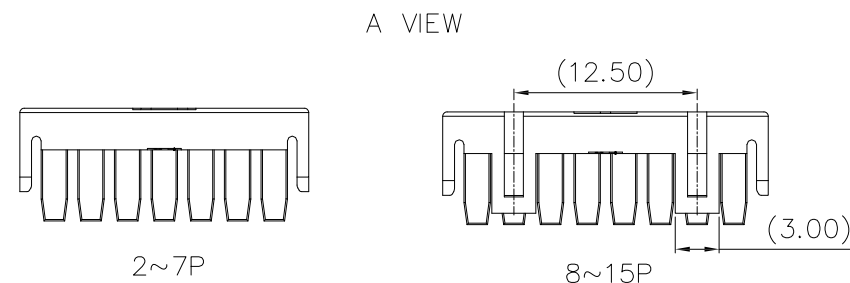
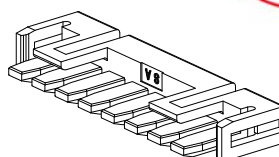
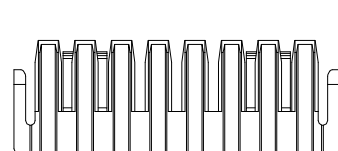
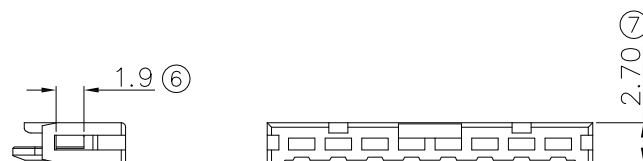
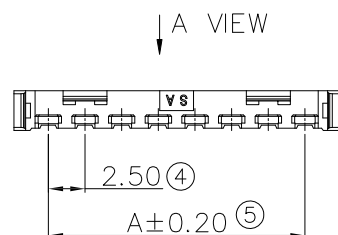
Poles	Dimensions/mm		Poles	Dimensions/mm	
	A	B		A	B
2	2.50	7.20	9	20.00	24.70
3	5.00	9.70	10	22.50	27.20
4	7.50	12.20	11	25.00	29.70
5	10.00	14.70	12	27.50	32.20
6	12.50	17.20	13	30.00	34.70
7	15.00	19.70	14	32.50	37.20
8	17.50	22.20	15	35.00	39.70

■ Specifications:

- Voltage rating: 250V AC/DC
- Current rating: 3.5A AC/DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Applicable Housing: 2512H series

C2512 XX -PT BK
① ② ③ ④

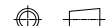
- ① Series No.
② Row No.-Pin No: XX-Single Row 2~15Pin
③ Plastic material: PB- PBT-GF
④ Color: BK-Black



GENERAL TOLERANCE

.X ± 0.30 .XX ± 0.20 .XXX ± 0.10 X. $^{\circ}$ $\pm 2^{\circ}$

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.

C2512-XX-PTBK

TITLE

2.50 WTB CONN. TPA

UNIT

SCALE

SHEET

REV

NUMBER

mm

2:1

1/1

A0

XXXX

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

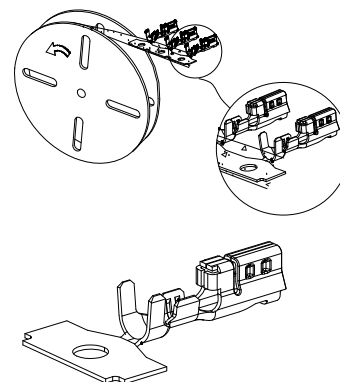
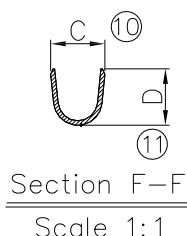
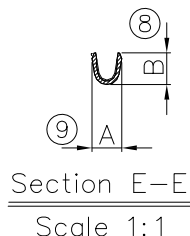
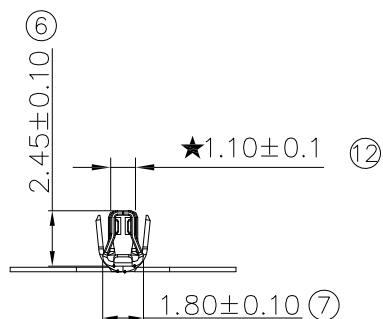
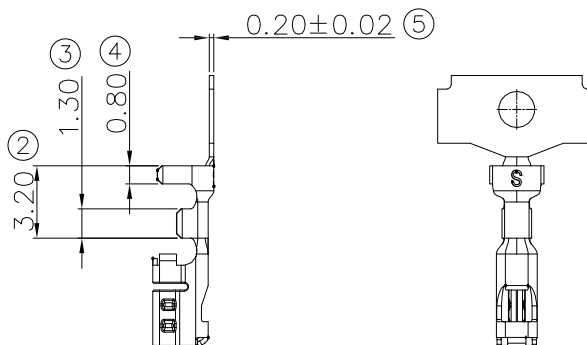
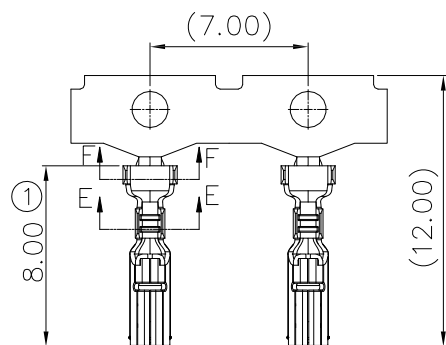
4

5

6

7

8



■ Specifications:

- Voltage rating: 250V AC/DC
- Current rating:
 - 2512TL-PSN1、2512TL-HSN1: 2.5A AC/DC
 - 2512TH-PSN1、2512TH-HSN1: 3.5A AC/DC
- Withstanding voltage: 1000V AC/minute
- Temperature range:
 - 40°C~+105°C(Phosphor bronze)
 - 40°C~+125°C(C7025)
- Contact resistance: ≤20mΩ
- After environmental testing: ≤40mΩ
- Applicable housing: 2512H series
- Tensile strength(Crimped connections):
 - AWG#20 ≥60N ;AWG#22 ≥50N ;
 - AWG#24 ≥50N ;AWG#26 ≥30N ;

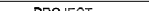
2512 T X X - SN1
① ② ③ ④ ⑤

- ① Series No.
② Category: T-terminal
③ Shape: X-L: low barrel ; H: high barrel
④ Material: X-P: Phosphor bronze
X-H: C7025
⑤ Plating code: SN1—see table

Table:

2512TH-HSN1	AWG#22~20 (0.35~0.5mm ²)	1.50~1.80mm	Stamping Before Plating: Ni: 40~120u"(1~3um) ; Bright Tin: 80~200u"(2~5um)	2512H-XX-NOHFNC	1.90	2.05	2.90	2.50
2512TH-PSN1	AWG#26~24 (0.13~0.22mm ²)	1.28~1.42mm			1.30	1.40	2.40	2.50
2512TL-HSN1	AWG#26~24 (0.13~0.22mm ²)	1.28~1.42mm	Stamping Before Plating: Ni: 40~120u"(1~3um) ; Bright Tin: 80~200u"(2~5um)	2512H-XX-NOHFNC	1.90	2.05	2.90	2.50
2512TL-PSN1	AWG#26~24 (0.13~0.22mm ²)	1.28~1.42mm			1.30	1.40	2.40	2.50
Part NO.	Wire Range	Insulation O.D.	Finish	Applicable GYA Housing	Dim.A	Dim.B	Dim.C	Dim.D



A						GENERAL TOLERANCE	GYA Connectors 东莞市国亚电子有限公司 Dong Guan Guo Ya Connectors co., Ltd.				PART NO. 2512TX-XSN1					
						.X ±0.30										
							.XX ±0.20					TITLE 2.50 WTB CONN.				
							.XXX ±0.10					Terminal				
						X.* ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER	
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Yangzhengguo	Yangzhengyi	Lvtiansheng	2016/08/26	mm	3:1	X/X	A0	XXXX	