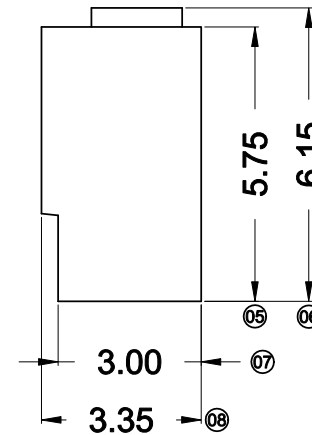
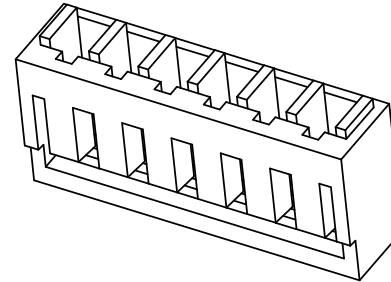
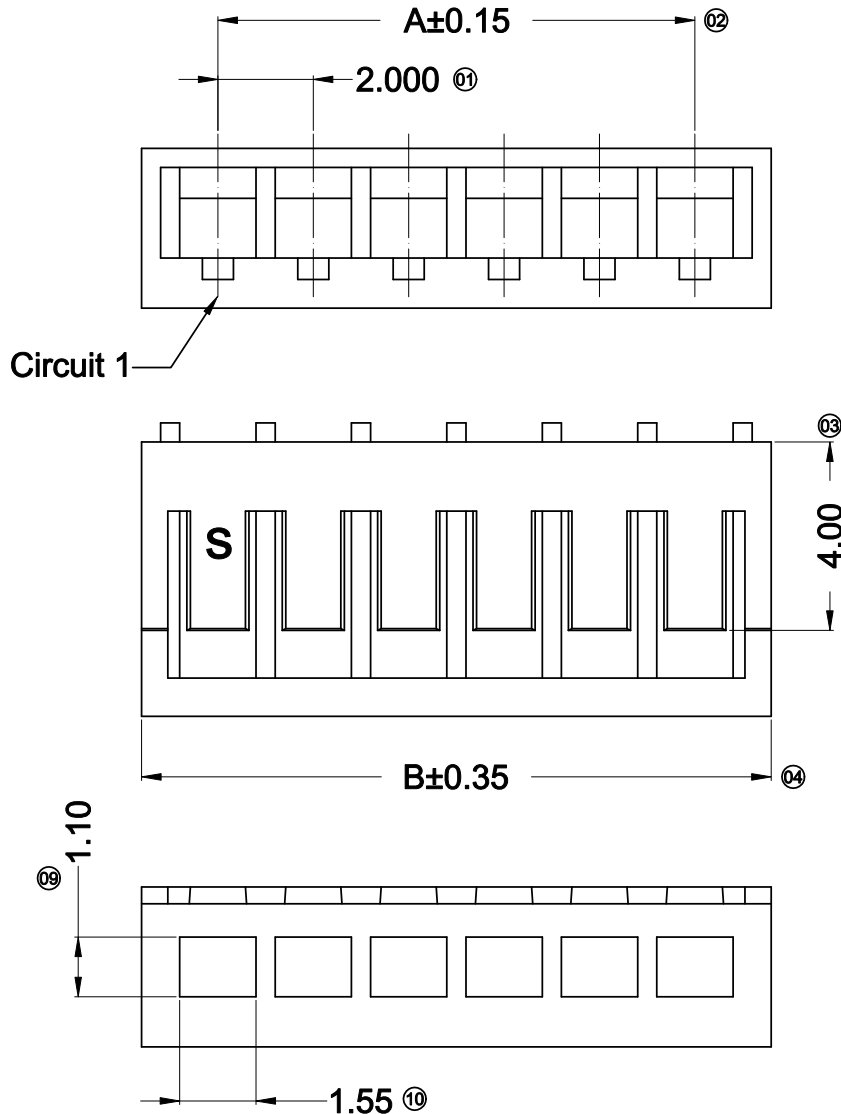


RoHS

WWW. ADZLCONN. COM

TEL:0769-82285488

**Specifications :**

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range:  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- Insulation resistance:  $\geq 1000\text{M}\Omega$
- Contact resistance:  $\leq 20\text{m}\Omega$
- After environmental testing:  $\leq 30\text{m}\Omega$
- Mates With ADZL TER :9020TV

9020 H V-XX X-N0 HF① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: V-Straight 180°
- ④ Row No.-Pin No.: XX-02P~16P
- ⑤ Plug the Pin & special No.: Blank-Ordinary
- ⑥ Material: N0-PA66 UL 94V-0
- ⑦ HF-Halogen Free
- ⑧ Color: Blank-Natural Color

| Poles | Dimensions (mm) |       | Poles | Dimensions (mm) |       |
|-------|-----------------|-------|-------|-----------------|-------|
|       | A               | B     |       | A               | B     |
| 02    | 2.00            | 5.30  | 10    | 18.00           | 21.30 |
| 03    | 4.00            | 7.30  | 11    | 20.00           | 23.30 |
| 04    | 6.00            | 9.30  | 12    | 22.00           | 25.30 |
| 05    | 8.00            | 11.30 | 13    | 24.00           | 27.30 |
| 06    | 10.00           | 13.30 | 14    | 26.00           | 29.30 |
| 07    | 12.00           | 15.30 | 15    | 28.00           | 31.30 |
| 08    | 14.00           | 17.30 | 16    | 30.00           | 33.30 |
| 09    | 16.00           | 19.30 |       |                 |       |

## GENERAL TOLERANCE

|      |            |
|------|------------|
| .X   | $\pm 0.30$ |
| .XX  | $\pm 0.20$ |
| .XXX | $\pm 0.10$ |



东莞市思量连接器有限公司  
DONGGUAN ADZL CONNECTORS CO.,LTD.

PART NO.

9020HV-XX-N0HF

TITLE

2.00mm Crimp Style Connectors

PROJECT



APPROVAL

Ken

CHECK

Zhao Hong

DRAWN

Allen

DATA

2024/11/25

UNIT  
MMSCALE  
1:1

NUMBER

REV

DATE

OLD REV

NEW REV

ECN

DESCRIPTION

CHECK

APPROVAL

1

2

3

4

5

6

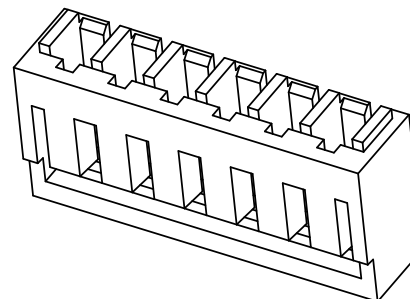
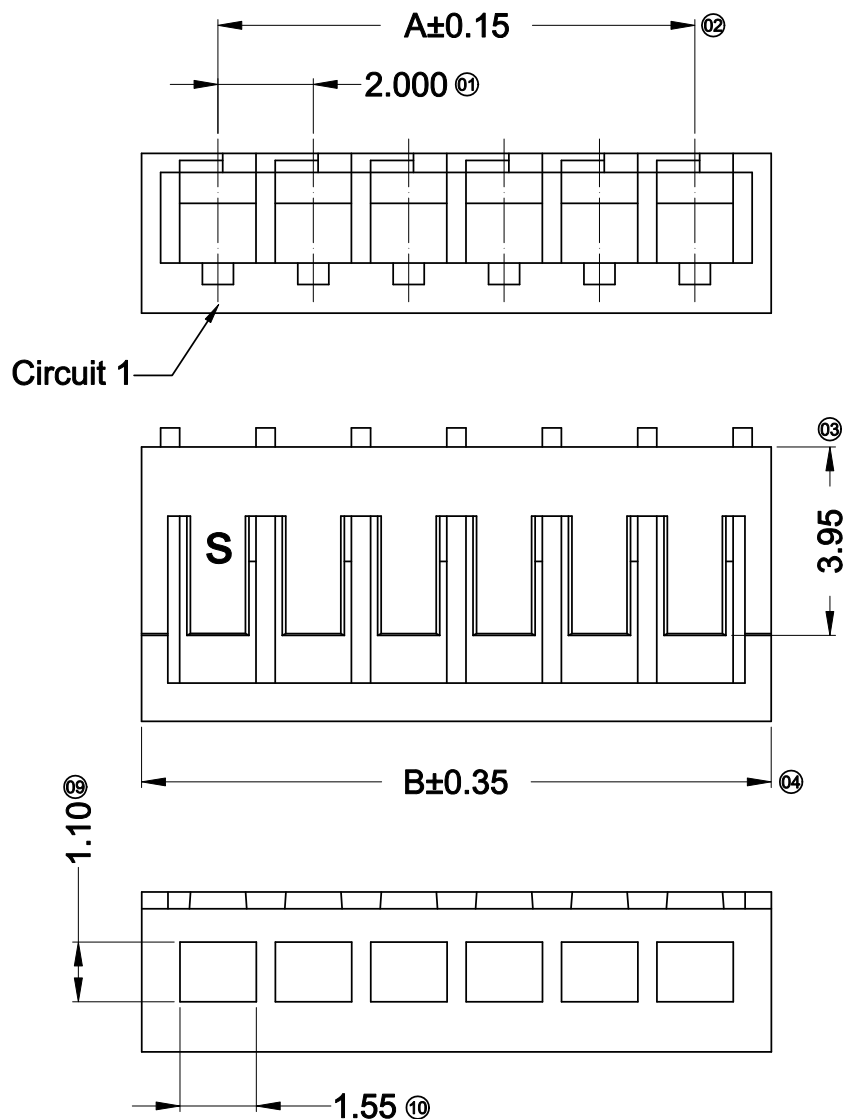
7

8

RoHS

WWW. ADZLCONN. COM

TEL:0769-82285488

**Specifications :**

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Mates With ADZL TER :9020TR

9020 H R-XX X-N0 HF XX  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: R-Right Angle 90°
- ④ Row No.-Pin No.: XX-02P~16P
- ⑤ Plug the Pin & special No.: Blank-Ordinary
- ⑥ Material: N0-PA66 UL 94V-0
- ⑦ HF-Halogen Free
- ⑧ Color: Blank-Natural Color

| Poles | Dimensions (mm) |       | Poles | Dimensions (mm) |       |
|-------|-----------------|-------|-------|-----------------|-------|
|       | A               | B     |       | A               | B     |
| 02    | 2.00            | 5.30  | 10    | 18.00           | 21.30 |
| 03    | 4.00            | 7.30  | 11    | 20.00           | 23.30 |
| 04    | 6.00            | 9.30  | 12    | 22.00           | 25.30 |
| 05    | 8.00            | 11.30 | 13    | 24.00           | 27.30 |
| 06    | 10.00           | 13.30 | 14    | 26.00           | 29.30 |
| 07    | 12.00           | 15.30 | 15    | 28.00           | 31.30 |
| 08    | 14.00           | 17.30 | 16    | 30.00           | 33.30 |
| 09    | 16.00           | 19.30 |       |                 |       |

## GENERAL TOLERANCE

|      |       |
|------|-------|
| .X   | ±0.30 |
| .XX  | ±0.20 |
| .XXX | ±0.10 |



东莞市思量连接器有限公司  
DONGGUAN ADZL CONNECTORS CO.,LTD.

## PART NO.

9020HR-XX-N0HF

## TITLE

2.00mm Crimp Style Connectors

## PROJECT



APPROVAL

Ken

CHECK

Zhao Hong

DRAWN

Allen

DATA

2024/11/25

UNIT  
MMSCALE  
1:1

NUMBER

8

REV

DATE

OLD REV

NEW REV

ECN

DESCRIPTION

CHECK

APPROVAL

1

2

3

4

5

6

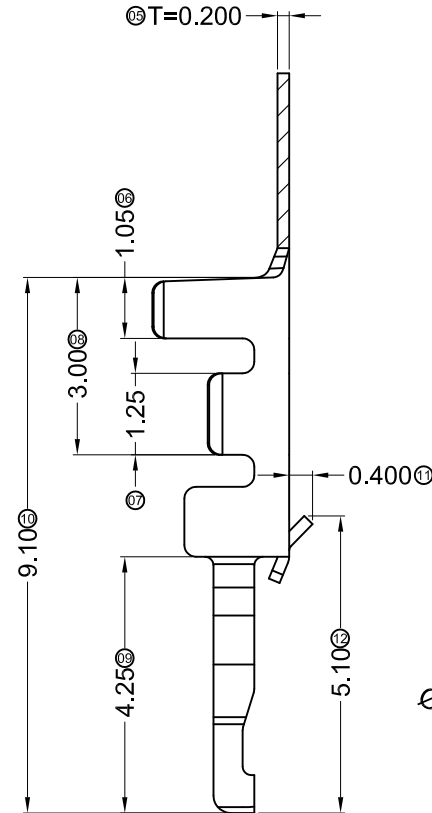
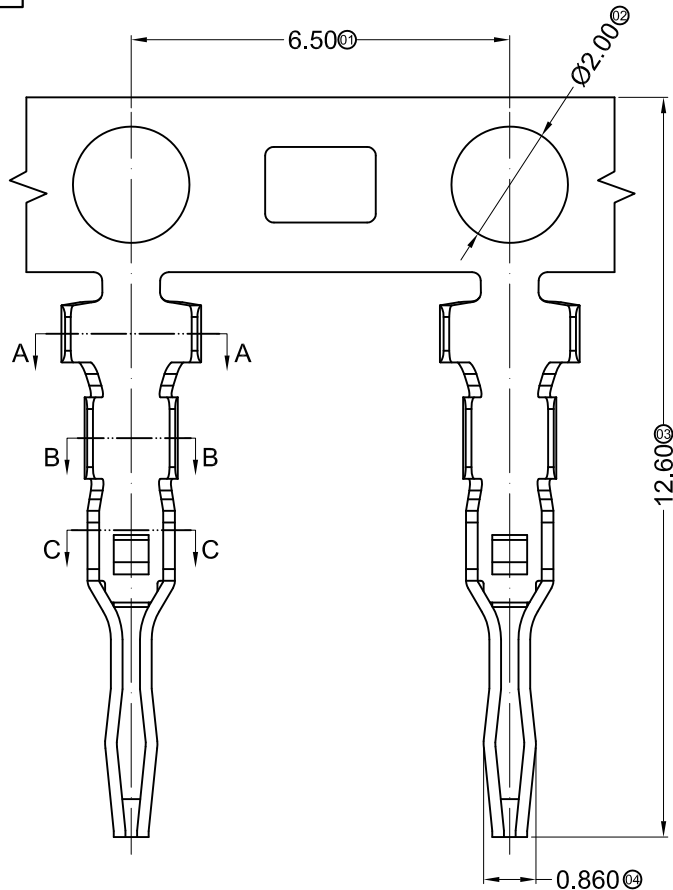
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8

RoHS

WWW.ADZLCONN.COM

TEL:0769-82285488

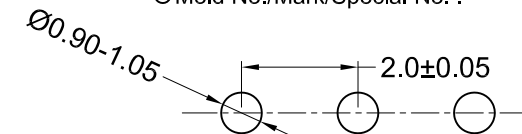


## ■ Specifications :

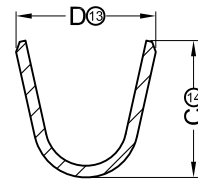
- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:  $\geq 1000M\Omega$
- Contact resistance:  $\leq 20m\Omega$
- After environmental testing:  $\leq 30m\Omega$
- Wire Range: AWG#22-26
- Insulation O.D.: 1.40mm(Max)
- Used In ADZL Housing: 9020HV

9020 T V-B SN X - X-01  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

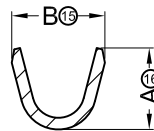
- ① Series Number
- ② Category: T-terminal
- ③ Shape: V-Straight 180°
- ④ Material: B-Brass;P-Phosphor Bronze
- ⑤ Plating style: SN-Bright tin plating
- ⑥ Plating method: Blank-Stamping before plating
- ⑦ Blank-Ordinary;H-High feet
- ⑧ Mold No./Mark/Special No. :



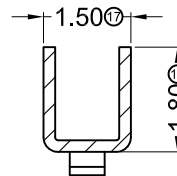
Recommended P.C.B Layout  
(Thickness=1.60mm)



SECTION: A-A  
SCALE: 1:1

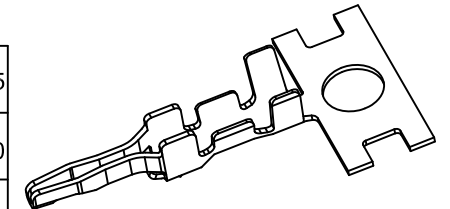


SECTION: B-B  
SCALE: 1:1



SECTION: C-C  
SCALE: 1:1

|                 |                                       |                   |      |      |      |      |
|-----------------|---------------------------------------|-------------------|------|------|------|------|
| 9020TV-XSN-H-01 | AWG#22~24<br>0.35~0.22mm <sup>2</sup> | 1.40mm(Max)       | 1.80 | 1.75 | 2.50 | 2.45 |
| 9020TV-XSN-01   | AWG#24~26<br>0.22~0.13mm <sup>2</sup> | 1.30mm(Max)       | 1.40 | 1.60 | 2.35 | 2.40 |
| PART NO         | Wire Size                             | Insulation Ø O.D. | A    | B    | C    | D    |



|      |         |         |     |             |       |          |                                                                                                  |                                                                                                                                         |                          |       |            |                                     |                |        |     |
|------|---------|---------|-----|-------------|-------|----------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------|------------|-------------------------------------|----------------|--------|-----|
|      |         |         |     |             |       |          | GENERAL<br>TOLERANCE<br><br>.X     ±0.30<br>.XX    ±0.20<br>.XXX   ±0.10                         |  东莞市思量连接器有限公司<br>DONGGUAN ADZL CONNECTORS CO.,LTD. | PART NO. 9020TV-XSN-X-01 |       |            |                                     |                |        |     |
|      |         |         |     |             |       | APPROVAL |                                                                                                  |                                                                                                                                         | CHECK                    | DRAWN | DATA       | TITLE 2.00mm Crimp Style Connectors |                |        |     |
|      |         |         |     |             |       |          |                                                                                                  |                                                                                                                                         |                          |       |            |                                     |                |        |     |
| DATE | OLD REV | NEW REV | ECN | DESCRIPTION | CHECK | APPROVAL | PROJECT<br> | Ken                                                                                                                                     | Zhao Hong                | Allen | 2020/05/26 | UNIT<br>MM                          | SCALE<br>1 : 1 | NUMBER | REV |

RoHS

WWW. ADZLCONN. COM

TEL:0769-82285488

## ■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Wire Range: AWG#22-26
- Insulation O.D.: 1.40mm(Max)
- Used In ADZL Housing: 9020HR

9020 T R-B SN X - X -01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series Number

② Category: T-terminal

③ Shape: R-Right Angle 90°

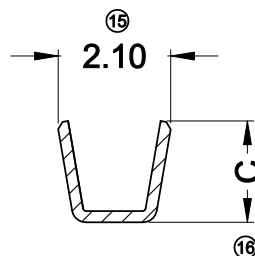
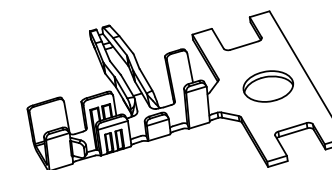
④ Material: B-Brass;P-Phosphor Bronze

⑤ Plating style: SN-Bright tin plating

⑥ Plating method: Blank-Stamping before plating

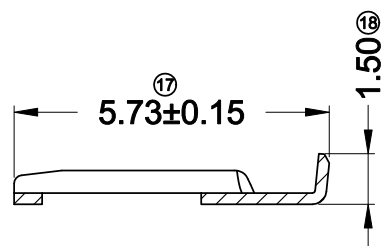
⑦ Blank-Ordinary;H-High feet

⑧ Mold No./Mark/Special No. :



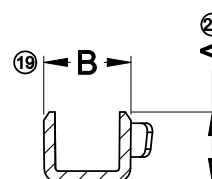
SECTION: A-A

SCALE: 1:1



SECTION: B-B

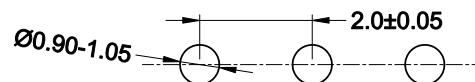
SCALE: 1:1



SECTION: C-C

SCALE: 1:1

|                 |                                       |                   |      |      |      |
|-----------------|---------------------------------------|-------------------|------|------|------|
| 9020TR-XSN-H-01 | AWG#22~24<br>0.35~0.22mm <sup>2</sup> | 1.40mm(Max)       | 1.60 | 1.70 | 2.00 |
| 9020TR-XSN-01   | AWG#24~26<br>0.22~0.13mm <sup>2</sup> | 1.30mm(Max)       | 1.25 | 1.55 | 1.85 |
| PART NO         | Wire Size                             | Insulation Ø O.D. | A    | B    | C    |

Recommended P.C.B Layout  
(Thickness=1.60mm)

|      |            |            |     |             |       |          |                                                                                                  |                                                                                                                                                     |           |       |            |                                     |                |        |     |  |
|------|------------|------------|-----|-------------|-------|----------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|------------|-------------------------------------|----------------|--------|-----|--|
|      |            |            |     |             |       |          | GENERAL<br>TOLERANCE<br>.X ±0.30<br>.XX ±0.20<br>.XXX ±0.10                                      | <div> 东莞市思量连接器有限公司<br/>DONGGUAN ADZL CONNECTORS CO.,LTD.</div> |           |       |            | PART NO. 9020TR-XSN-X-01            |                |        |     |  |
|      |            |            |     |             |       |          |                                                                                                  |                                                                                                                                                     |           |       |            | TITLE 2.00mm Crimp Style Connectors |                |        |     |  |
|      |            |            |     |             |       |          |                                                                                                  | APPROVAL                                                                                                                                            | CHECK     | DRAWN | DATA       | UNIT<br>MM                          | SCALE<br>1 : 1 | NUMBER | REV |  |
| DATE | OLD<br>REV | NEW<br>REV | ECN | DESCRIPTION | CHECK | APPROVAL | PROJECT<br> | Ken                                                                                                                                                 | Zhao Hong | Allen | 2020/03/03 |                                     |                |        |     |  |
| 1    |            |            | 2   |             | 3     |          | 4                                                                                                |                                                                                                                                                     | 5         |       | 6          |                                     | 7              |        | 8   |  |