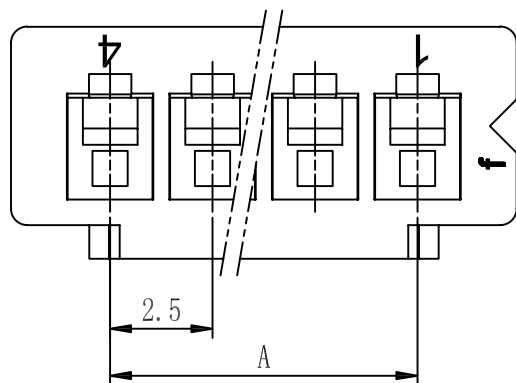
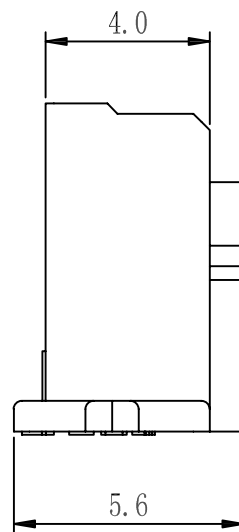
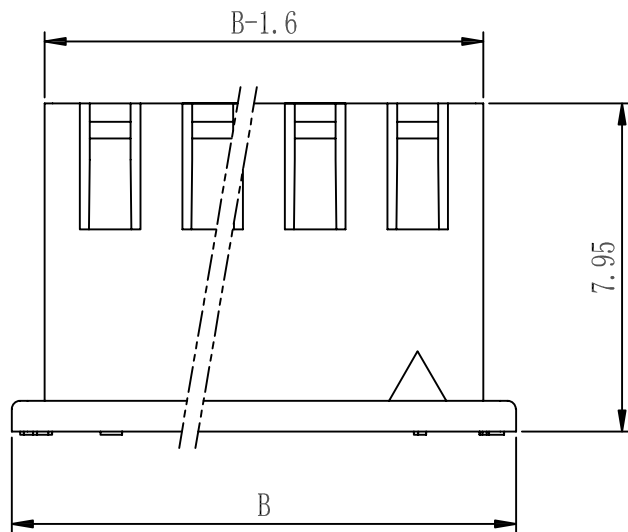


ROHS REACH

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| 日期版次 | 日期 | 变更内容 | 核 准 |
| REVISION | DATE | DESCRIPTION | APPROVALBY |



SPECIFICATIONS

- Voltage rating: 250V DC/AC (rms)
- Current rating: 3.0A
- Withstand voltage: 1000V AC(rms)
- Working Temperature: -25°C +85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20MΩ

HOUSING

- PART NO: A2501H
- MATERIAL: NYLON66 94V-0
- COLOR: NATURAL(WHITE)
- USE WITH:
 - Terminal: A2501T
 - Wafer: A2501R A2501V
 - A2501RS A2501VS
- Q'TY: 1000PCS/BAG

| poles | part no. | dimensions (mm) | |
|-------|------------|-----------------|-------|
| | | A | B |
| 2 | A2501H-2P | 2.50 | 7.30 |
| 3 | A2501H-3P | 5.00 | 9.80 |
| 4 | A2501H-4P | 7.50 | 12.30 |
| 5 | A2501H-5P | 10.00 | 14.80 |
| 6 | A2501H-6P | 12.50 | 17.30 |
| 7 | A2501H-7P | 15.00 | 19.80 |
| 8 | A2501H-8P | 17.50 | 22.30 |
| 9 | A2501H-9P | 20.00 | 24.80 |
| 10 | A2501H-10P | 22.50 | 27.30 |
| 11 | A2501H-11P | 25.00 | 29.80 |
| 12 | A2501H-12P | 27.50 | 32.30 |
| 13 | A2501H-13P | 30.00 | 34.80 |
| 14 | A2501H-14P | 32.50 | 37.30 |
| 15 | A2501H-15P | 35.00 | 39.80 |
| 16 | A2501H-16P | 37.50 | 42.30 |
| 20 | A2501H-20P | 47.50 | 52.30 |

| | | |
|--------------------------|-------------------|----------|
| MATERIAL: PA66UL94-V0 | GENERAL TOLERANCE | |
| UNIT: MM | X. ±0.30 | X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 | X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 | |

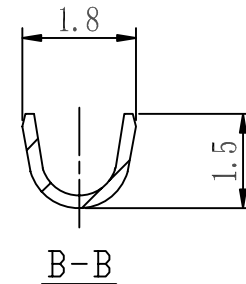
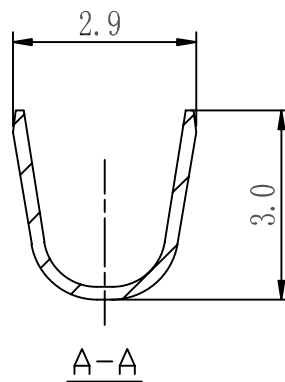
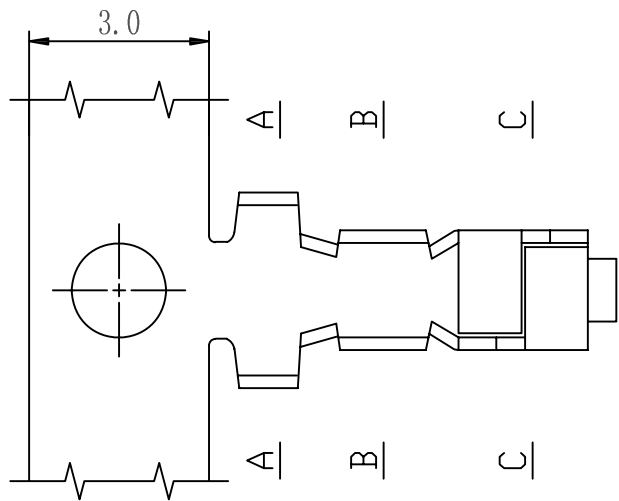
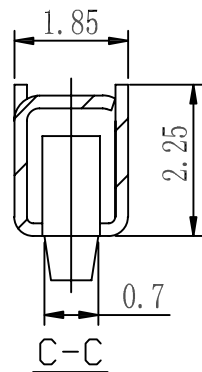
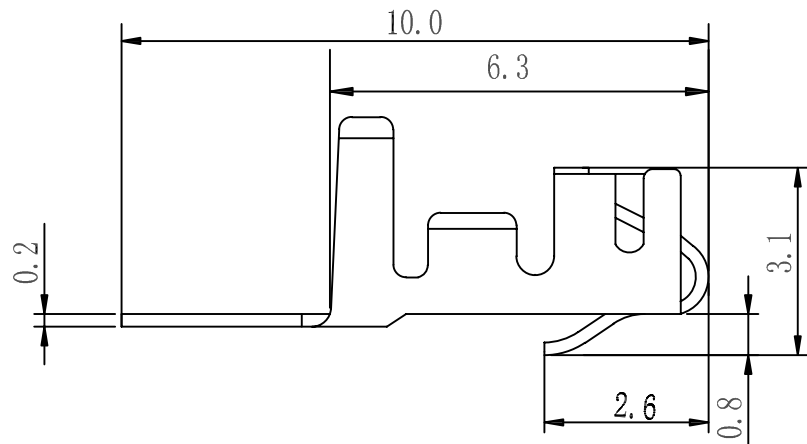
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DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

| | | | |
|------------|---------|-------|--------|
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET: 1/1 | FENG | ZENG | LIJIAN |

PART NO: A2501H-NP-10E-06
TITLE : 250MM PITCH HOUSING

ROHS REACH

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| 日期版次 | 日期 | 变更内容 | 核 准 |
| REVISION | DATE | DESCRIPTION | APPROVALBY |



SPECIFICATIONS

- Voltage rating: 250V DC/AC (rms)
- Current rating: 3.0A
- Withstand voltage: 1000V AC(rms)
- Working Temperature: -25°C +85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ

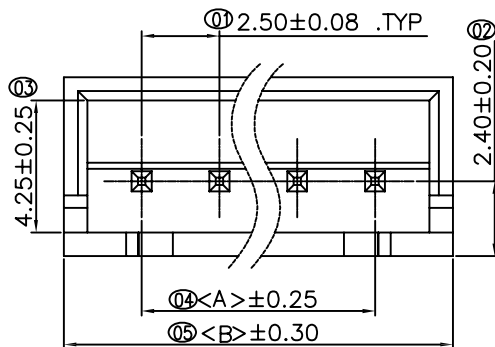
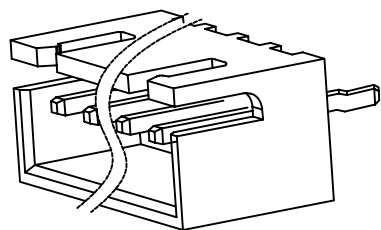
TERMINAL

- PART NO: A2501T
- THICKNESS: 0.20MM
- MATERIAL: PHOSPHOR BRONZE
- FINISH: TIN-PLATED
- APPLICABLE WIRE: AWG#28-#22
- USE WITH: Housing: A2501H
- Q'TY: 6000PCS/REEL

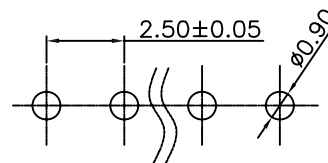
| | | | | | | | |
|--------|------------|-------|--------|------------|-------------------|----------|--|
| REV: A | APPROVE | CHECK | DRAWN | MATERIAL: | GENERAL TOLERANCE | | 东莞市轩盟电子科技有限公司 DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD |
| | FENG | ZENG | LIJIAN | UNIT: MM | X. ±0.30 | X.* ±2° | |
| | SHEET: 1/1 | | | SCALE: 3:1 | X.X ±0.25 | X.X* ±1° | |
| | | | | SIZE: A4 | X.XX ±0.15 | | PART NO: A2501T-PD-1E-06 |
| | | | | | | | TITLE: 2.50mm Pitch Terminal |

ROHS REACH

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| 日期版次 REVISION | 日期 DATE | 变更内容 DESCRIPTION | 核 准 APPROVALBY |

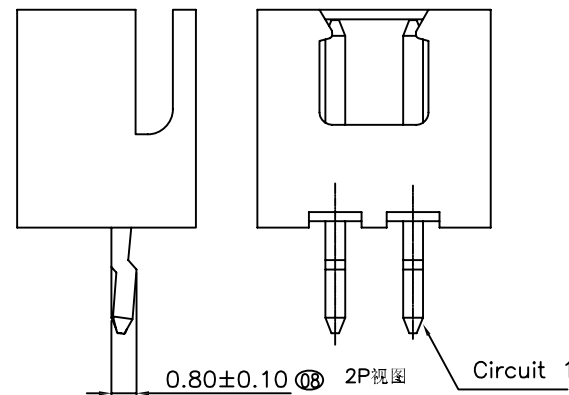
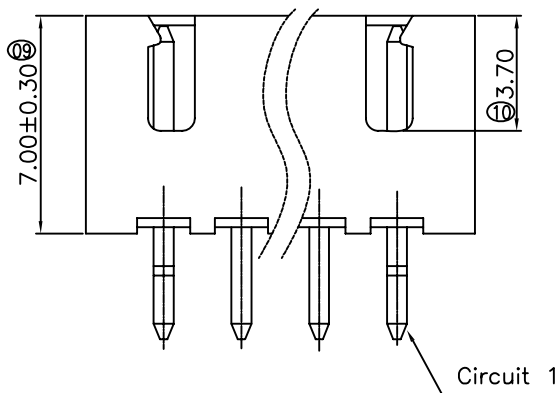
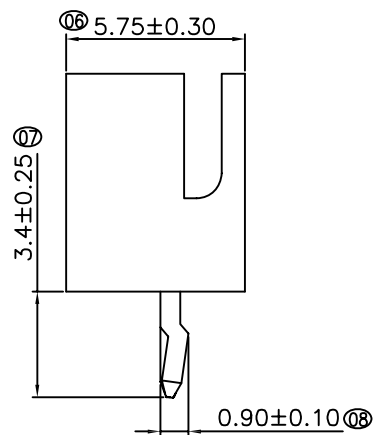


Recommended P.C.B Layout(Top Side)
P.C.B Thickness = 1.20mm
(Tolerance=±0.05)



NOTES:

CURRENT RATING: 3A AC/DC.
VOLTAGE RATING: 250V AC/DC.
TEMPERATURE RANGE: -25°C~+85°C.
CONTACT RESISTANCE: 20mΩ MAX.
INSULATION RESISTANCE: 1000MΩ MIN.
WITHSTANDING VOLTAGE: 1000V AC/MINUTE.



| poles | part no | dimensions (mm) | |
|-------|-------------|-----------------|-------|
| | | A | B |
| 2 | A2501V-2P | 2.50 | 7.50 |
| 3 | A2501V-3P | 5.00 | 10.00 |
| 4 | A2501V-4P | 7.50 | 12.50 |
| 5 | A2501V-5P | 10.00 | 15.00 |
| 6 | A2501V-6P | 12.50 | 17.50 |
| 7 | A2501V-7P | 15.00 | 20.00 |
| 8 | A2501V-8P | 17.50 | 22.50 |
| 9 | A2501V-9P | 20.00 | 25.00 |
| 10 | A2501V-10P | 22.50 | 27.50 |
| 11 | A2501V-11P | 25.00 | 30.00 |
| 12 | A2501V-12P | 27.50 | 32.50 |
| 13 | A2501V-13P | 30.00 | 35.00 |
| 14 | A2501V-14P | 32.50 | 37.50 |
| 15 | A20501V-15P | 35.00 | 40.00 |
| 16 | A2501V-16P | 37.50 | 42.50 |

| | | | |
|-----------|------|---------------|------------|
| PIN针 | 2-16 | BRASS | TIN-PLATED |
| 壳体 | 1 | PA66 UL 94V-0 | WHITE |
| PART NAME | QTY. | MATERIALS | SPEC |

| | | | |
|-----------|---------|-------|--------|
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET:1/1 | FENG | ZENG | LIJIAN |

| | |
|------------|--------------------|
| MATERIAL: | GENERAL TOLERANCE |
| UNIT: MM | X. ±0.30 X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 |

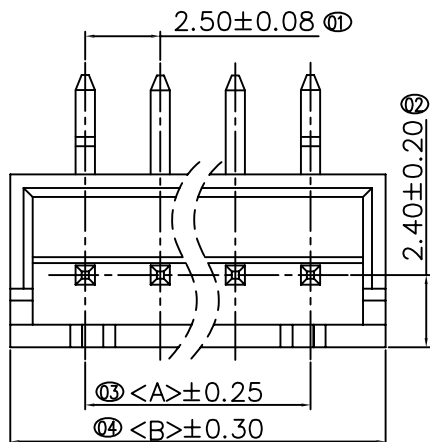
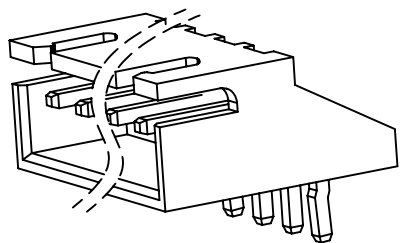
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DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

PART NO: A2501V-NP-10K-05

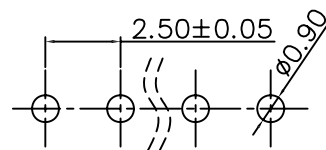
TITLE: XH2.50mm Pitch 180°-Wafer打

ROHS REACH

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| 日期版次 | 日期 | 变更内容 | 核 准 |
| REVISION | DATE | DESCRIPTION | APPROVALBY |

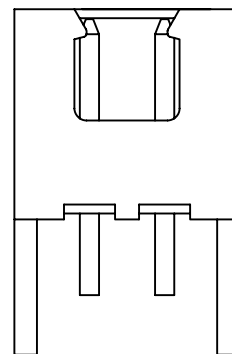
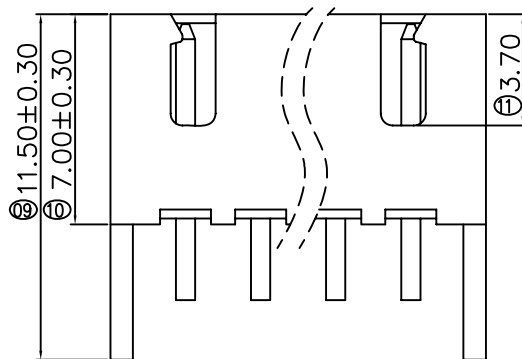
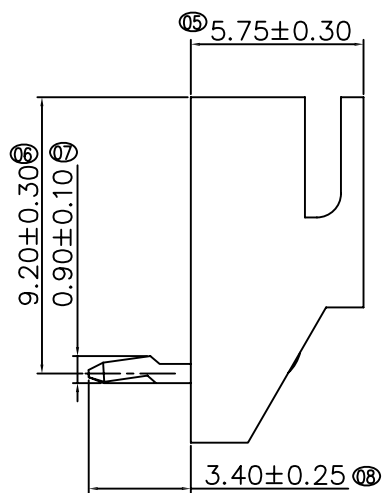


Recommended P.C.B Layout(Top Side)
P.C.B Thickness = 1.20mm
(Tolerance=±0.05)



NOTES:

CURRENT RATING: 3A AC/DC.
VOLTAGE RATING: 250V AC/DC.
TEMPERATURE RANGE: -25°C~+85°C.
CONTACT RESISTANCE: 20mΩ MAX.
INSULATION RESISTANCE: 1000MΩ MIN.
WITHSTANDING VOLTAGE: 1000V AC/MINUTE.
Q'T Y: 1000/BAO



2P 视图

| poles | part no | dimensions (mm) | |
|-------|-------------|-----------------|-------|
| | | A | B |
| 2 | A2501RD-2P | 2.50 | 7.50 |
| 3 | A2501RD-3P | 5.00 | 10.00 |
| 4 | A2501RD-4P | 7.50 | 12.50 |
| 5 | A2501RD-5P | 10.00 | 15.00 |
| 6 | A2501RD-6P | 12.50 | 17.50 |
| 7 | A2501RD-7P | 15.00 | 20.00 |
| 8 | A2501RD-8P | 17.50 | 22.50 |
| 9 | A2501RD-9P | 20.00 | 25.00 |
| 10 | A2501RD-10P | 22.50 | 27.50 |
| 11 | A2501RD-11P | 25.00 | 30.00 |
| 12 | A2501RD-12P | 27.50 | 32.50 |
| 13 | A2501RD-13P | 30.00 | 35.00 |
| 14 | A2501RD-14P | 32.50 | 37.50 |
| 15 | A2501RD-15P | 35.00 | 40.00 |
| 16 | A2501RD-16P | 37.50 | 42.50 |

| | | | |
|-----------|---------|---------------|------------|
| PIN针 | 2-16 | BRASS | TIN-PLATED |
| 壳体 | 1 | PA66 UL 94V-0 | WHITE |
| PART NAME | QTY. | MATERIALS | SPEC |
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET:1/1 | FENG | ZENG | LIJIAN |

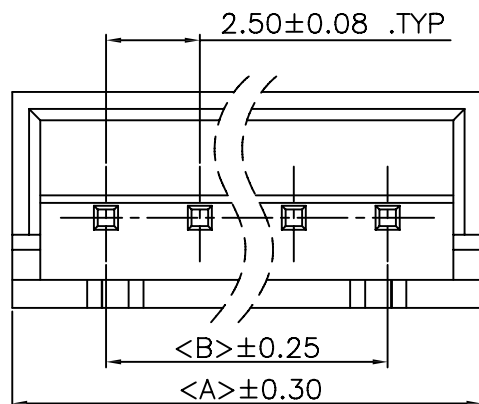
| | |
|------------|--------------------|
| MATERIAL: | GENERAL TOLERANCE |
| UNIT: MM | X. ±0.30 X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 |

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DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

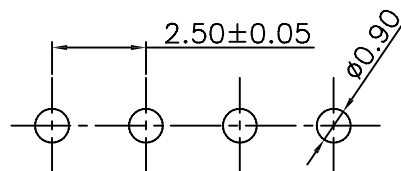
PART NO: A2501RD-NP-10K-05
TITLE: XH2.50mm Pitch 90°-Wafer 带定位 打K

ROHS REACH

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| 日期版次 REVISION | 日期 DATE | 变更内容 DESCRIPTION | 核 准 APPROVALBY |

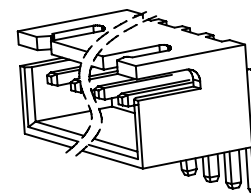
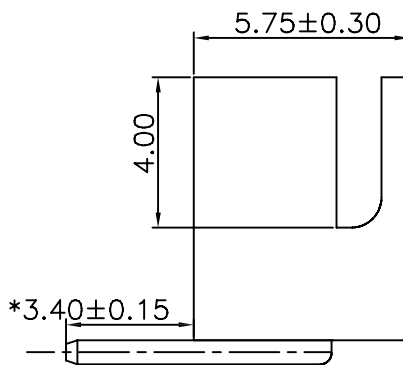
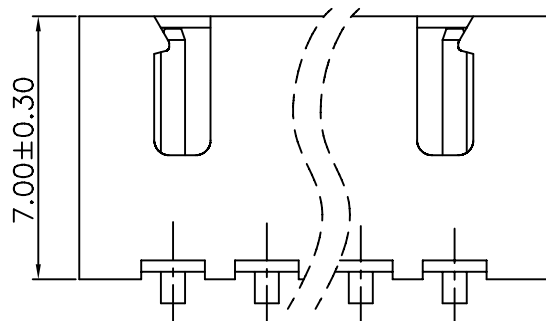


Recommended P.C.B Layout(Top Side)
P.C.B Thickness = 1.20mm
(Tolerance=±0.05)



NOTES:

CURRENT RATING: 3A AC/DC.
VOLTAGE RATING:250V AC/DC.
TEMPERATURE RANGE: -25°C~+85°C.
CONTACT RESISTANCE: 20mΩMAX.
INSULATION RESISTANCE: 1000MΩMIN.
WITHSTANDING VOLTAGE: 800V AC/MINUTE.



| poles | part no | dimensions (mm) | |
|-------|------------|-----------------|-------|
| | | A | B |
| 2 | A2501R-2P | 7.50 | 2.50 |
| 3 | A2501R-3P | 10.00 | 5.00 |
| 4 | A2501R-4P | 12.50 | 7.50 |
| 5 | A2501R-5P | 15.00 | 10.00 |
| 6 | A2501R-6P | 17.50 | 12.50 |
| 7 | A2501R-7P | 20.00 | 15.00 |
| 8 | A2501R-8P | 22.50 | 17.50 |
| 9 | A2501R-9P | 25.00 | 20.00 |
| 10 | A2501R-10P | 27.50 | 22.50 |
| 11 | A2501R-11P | 30.00 | 25.00 |
| 12 | A2501R-12P | 32.50 | 27.50 |
| 13 | A2501R-13P | 35.00 | 30.00 |
| 14 | A2501R-14P | 37.50 | 32.50 |
| 15 | A2501R-15P | 40.00 | 35.00 |
| 16 | A2501R-16P | 42.50 | 37.50 |

| | | | |
|-----------|---------|---------------|------------|
| PIN针 | 2-16 | BRASS | TIN-PLATED |
| 壳体 | 1 | PA66 UL 94V-0 | WHITE |
| PART NAME | QTY. | MATERIALS | SPEC |
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET:1/1 | FENG | ZENG | LIJIAN |

| | |
|------------|--------------------|
| MATERIAL: | GENERAL TOLERANCE |
| UNIT: MM | X. ±0.30 X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 |

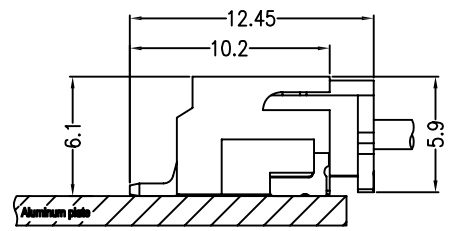
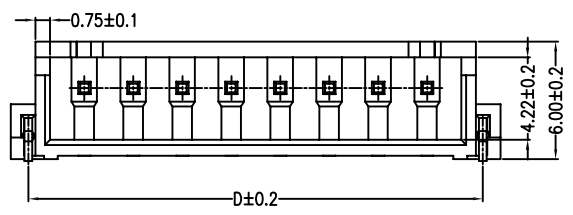
YSTZ 东莞市轩盟电子科技有限公司
DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

PART NO: A2501R-NP-10E-05

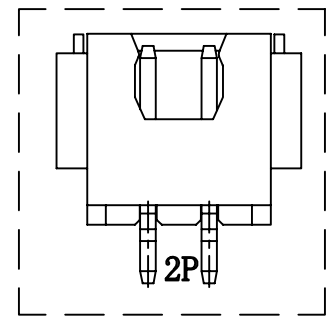
TITLE : XH2.50mm Pitch 90°-Wafer

ROHS REACH

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| 日期版次 REVISION | 日期 DATE | 变更内容 DESCRIPTION | 核 准 APPROVALBY |

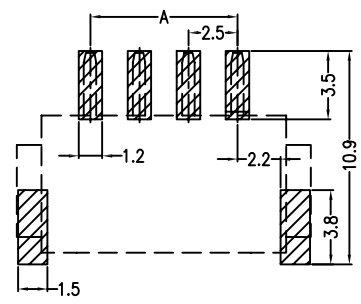
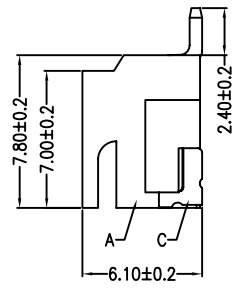
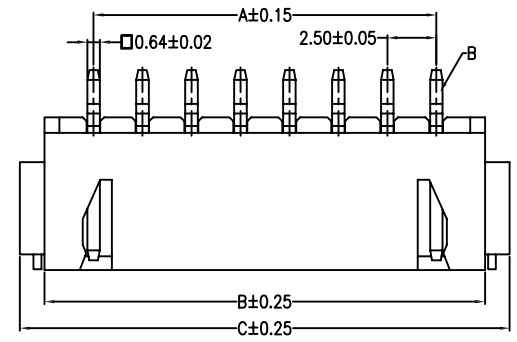


Assembly Layout



NOTES:

CURRENT RATING: 3A AC/DC.
 VOLTAGE RATING: 250V AC/DC.
 TEMPERATURE RANGE: -25°C~+85°C.
 CONTACT RESISTANCE: 20mΩ MAX.
 INSULATION RESISTANCE: 1000MΩ MIN.
 WITHSTANDING VOLTAGE: 1000V AC/MINUTE.



SUGGESTED PCB LAYOUT

| poles | part no | dimensions (mm) | | | |
|-------|-------------|-----------------|-------|-------|-------|
| | | A | B | C | D |
| 2 | A2501RS-2P | 2.50 | 7.50 | 10.00 | 8.20 |
| 3 | A2501RS-3P | 5.00 | 10.00 | 12.50 | 10.70 |
| 4 | A2501RS-4P | 7.50 | 12.50 | 15.00 | 13.20 |
| 5 | A2501RS-5P | 10.00 | 15.00 | 17.50 | 15.70 |
| 6 | A2501RS-6P | 12.50 | 17.50 | 20.00 | 18.20 |
| 7 | A2501RS-7P | 15.00 | 20.00 | 22.50 | 20.70 |
| 8 | A2501RS-8P | 17.50 | 22.50 | 25.00 | 23.20 |
| 9 | A2501RS-9P | 20.00 | 25.00 | 27.50 | 25.70 |
| 10 | A2501RS-10P | 22.50 | 27.50 | 30.00 | 28.20 |
| 11 | A2501RS-11P | 25.00 | 30.00 | 32.50 | 30.70 |
| 12 | A2501RS-12P | 27.50 | 32.50 | 35.00 | 33.20 |
| 13 | A2501RS-13P | 30.00 | 35.00 | 37.50 | 35.70 |
| 14 | A2501RS-14P | 32.50 | 37.50 | 40.00 | 38.20 |
| 15 | A2501RS-15P | 35.00 | 40.00 | 42.50 | 40.70 |
| 16 | A2501RS-16P | 37.50 | 42.50 | 45.00 | 43.20 |

| | | | |
|-----------|------|--------------|------------|
| PIN针 | 2-16 | BRASS | TIN-PLATED |
| 定位片 | 2 | BRASS | TIN-PLATED |
| 壳体 | 1 | LCP UL 94V-0 | BEIGE |
| PART NAME | QTY. | MATERIALS | SPEC |

| | |
|------------|--------------------|
| MATERIAL: | GENERAL TOLERANCE |
| UNIT: MM | X. ±0.30 X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 |

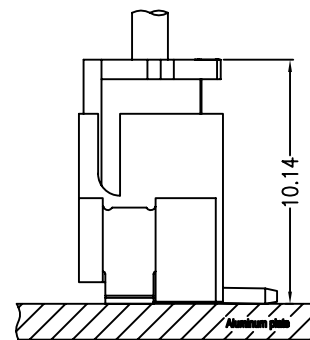
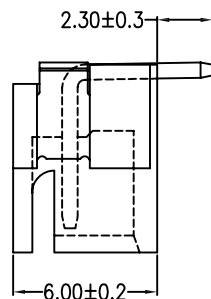
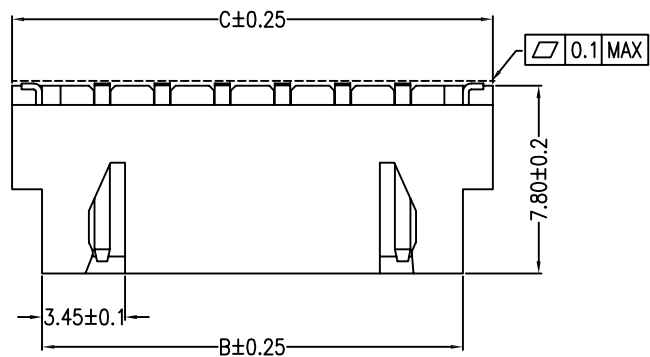
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 DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

| | | | |
|-----------|---------|-------|--------|
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET:1/1 | FENG | ZENG | LIJIAN |

PART NO: A2501RS-NP-50E-25
 TITLE: XH2.50mm Pitch 90°-SMT-Wafer

ROHS REACH

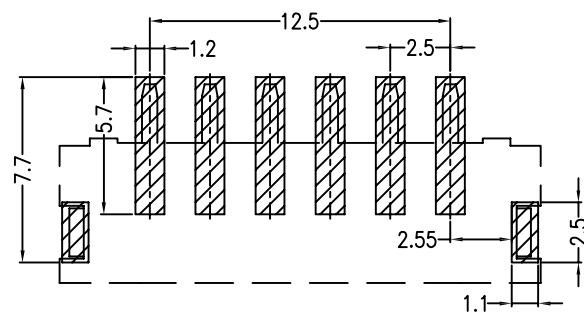
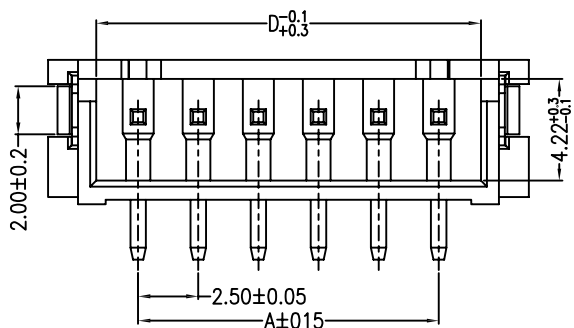
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| | | | |
| 日期版次 REVISION | 日期 DATE | 变更内容 DESCRIPTION | 核 准 APPROVALBY |



Assembly Layout

NOTES:

CURRENT RATING: 3A AC/DC.
 VOLTAGE RATING: 250V AC/DC.
 TEMPERATURE RANGE: -25°C~+85°C.
 CONTACT RESISTANCE: 20mΩ MAX.
 INSULATION RESISTANCE: 1000MΩ MIN.
 WITHSTANDING VOLTAGE: 1000V AC/MINUTE.



SUGGESTED PCB LAYOUT

| poles | paVt no | dimensions (mm) | | | |
|-------|-------------|-----------------|-------|-------|-------|
| | | A | B | C | D |
| 2 | A2501VS-2P | 2.50 | 7.50 | 10.00 | 6.00 |
| 3 | A2501VS-3P | 5.00 | 10.00 | 12.50 | 8.50 |
| 4 | A2501VS-4P | 7.50 | 12.50 | 15.00 | 11.00 |
| 5 | A2501VS-5P | 10.00 | 15.00 | 17.50 | 13.50 |
| 6 | A2501VS-6P | 12.50 | 17.50 | 20.00 | 16.00 |
| 7 | A2501VS-7P | 15.00 | 20.00 | 22.50 | 18.50 |
| 8 | A2501VS-8P | 17.50 | 22.50 | 25.00 | 21.00 |
| 9 | A2501VS-9P | 20.00 | 25.00 | 27.50 | 23.50 |
| 10 | A2501VS-10P | 22.50 | 27.50 | 30.00 | 26.00 |
| 11 | A2501VS-11P | 25.00 | 30.00 | 32.50 | 28.50 |
| 12 | A2501VS-12P | 27.50 | 32.50 | 35.00 | 31.00 |
| 13 | A2501VS-13P | 30.00 | 35.00 | 37.50 | 33.50 |
| 14 | A2501VS-14P | 32.50 | 37.50 | 40.00 | 36.00 |
| 15 | A2501VS-15P | 35.00 | 40.00 | 42.50 | 38.50 |
| 16 | A2501VS-16P | 37.50 | 42.50 | 45.00 | 41.00 |

| | | | |
|-----------|------|--------------|------------|
| PIN针 | 2-16 | BRASS | TIN-PLATED |
| 定位片 | 2 | BRASS | TIN-PLATED |
| 壳体 | 1 | LCP UL 94V-0 | BEIGE |
| PART NAME | QTY. | MATERIALS | SPEC |

| | |
|------------|--------------------|
| MATERIAL: | GENERAL TOLERANCE |
| UNIT: MM | X. ±0.30 X.* ±2° |
| SCALE: 3:1 | X.X ±0.25 X.X* ±1° |
| SIZE: A4 | X.XX ±0.15 |

YSTZ 东莞市轩盟电子科技有限公司
 DONGGUAN YSTZ ELECTRONIC TECHNOLOGY CO.,LTD

| | | | |
|-----------|---------|-------|--------|
| REV: A | APPROVE | CHECK | DRAWN |
| SHEET:1/1 | FENG | ZENG | LIJIAN |

PART NO: A2501VS-NP-50E-25
 TITLE: XH2.50mm Pitch 180°-SMT-Wafer