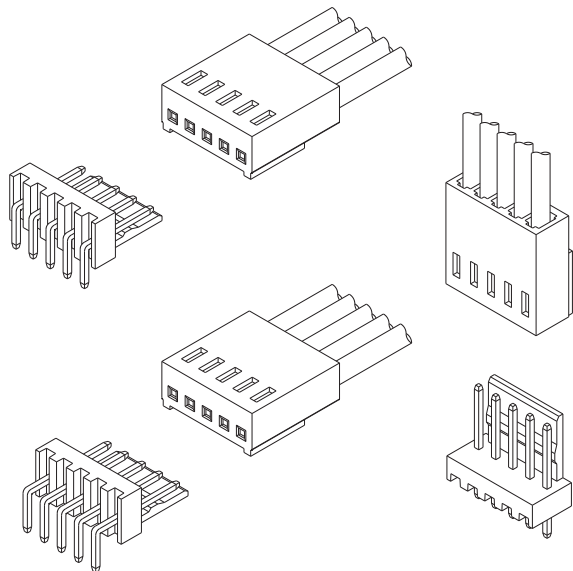




### 技术特性/Specifications:

额定电压 Rated voltage: 250V AC, DC  
额定电流 Rated current: 3A AC, DC  
接触电阻 Contact resistance: 20m $\Omega$  max  
绝缘电阻 Insulation resistance: 1000M $\Omega$  min  
耐压 Withstand voltage: 1000V AC/minute  
环境温度 Ambient temperature: -40 $^{\circ}$ C~+105 $^{\circ}$ C  
适用线规 Wire range: AWG#28~#22

| REV. | REVISION DESCRIPTION | DATE       | APPD |
|------|----------------------|------------|------|
| A0   | NEW RELEASE          | 2009.08.01 | 张仁川  |

## NOTES

Available in 02 through 20 Circuits.

Mates with DL25401-Y Series Housing.

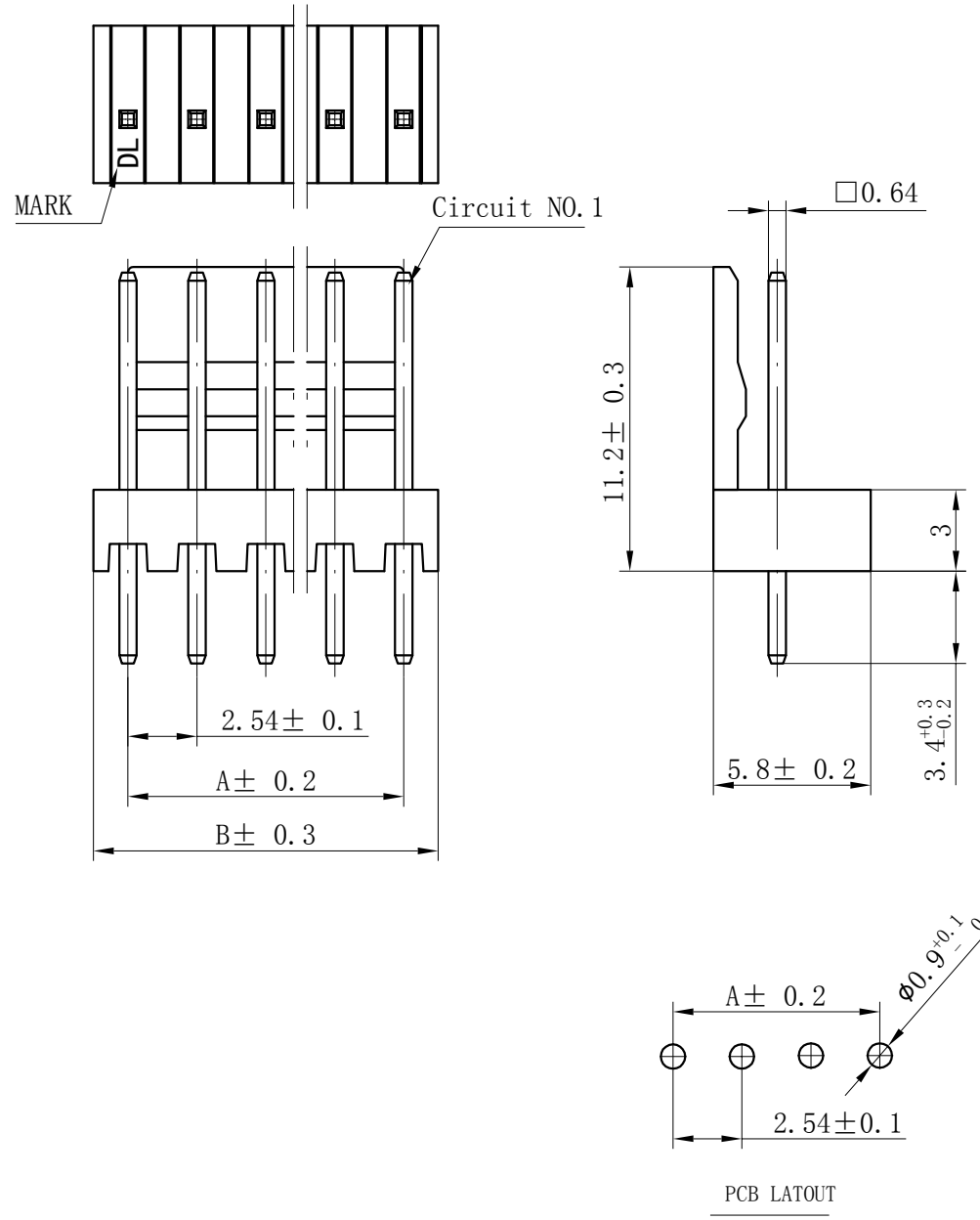
Material : Nylon UL94V-0(2).

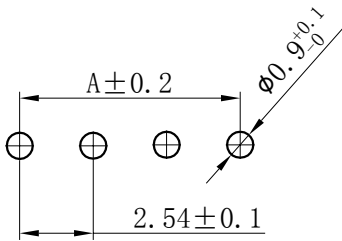
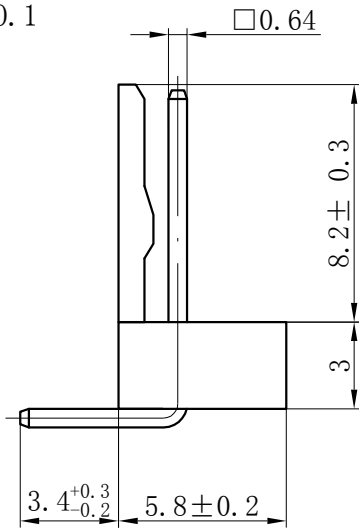
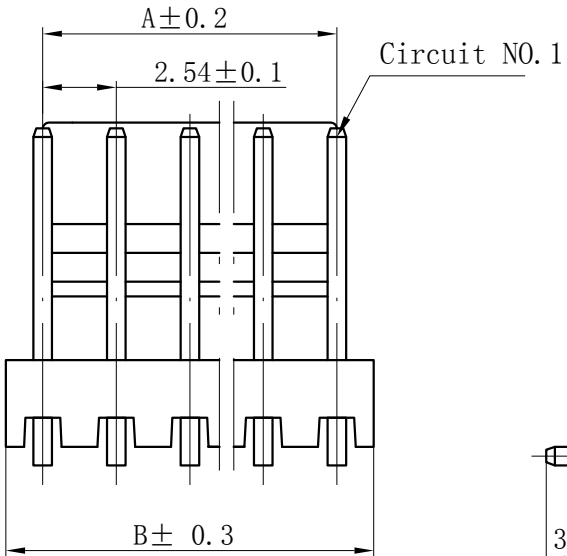
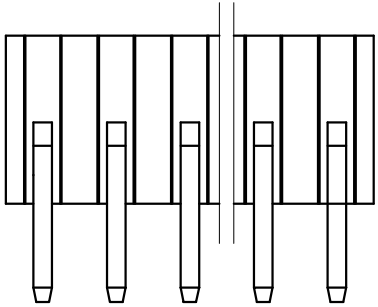
0.64mm Square Pin.

Pin Material : Brass / Tin-Plated.

| Circuits | Product name | Dimension mm |       | Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|----------|--------------|--------------|-------|
|          |              | A            | B     |          |              | A            | B     |
| 2        | 2510-2A      | 2.54         | 5.08  | 12       | 2510-12A     | 27.94        | 30.48 |
| 3        | 2510-3A      | 5.08         | 7.62  | 13       | 2510-13A     | 30.48        | 33.02 |
| 4        | 2510-4A      | 7.62         | 10.16 | 14       | 2510-14A     | 33.02        | 35.56 |
| 5        | 2510-5A      | 10.16        | 12.70 | 15       | 2510-15A     | 35.56        | 38.10 |
| 6        | 2510-6A      | 12.70        | 15.24 | 16       | 2510-16A     | 38.10        | 40.64 |
| 7        | 2510-7A      | 15.24        | 17.78 | 17       | 2510-17A     | 40.64        | 43.18 |
| 8        | 2510-8A      | 17.78        | 20.32 | 18       | 2510-18A     | 43.18        | 45.72 |
| 9        | 2510-9A      | 20.32        | 22.86 | 19       | 2510-19A     | 45.72        | 48.26 |
| 10       | 2510-10A     | 22.86        | 25.40 | 20       | 2510-20A     | 48.26        | 50.80 |
| 11       | 2510-11A     | 25.40        | 27.94 |          |              |              |       |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |              | ZHE JIANG DELI CONNECTORS CO.,LTD        |                                                |
|------------------------------------------|--------------|------------------------------------------|------------------------------------------------|
| .X: ± 0.25                               | .X°: ± 3.0°  | PRODUCT NAME:<br><b>DL25401 (2510)-A</b> | TITLE:<br>2.54 mm Pitch<br>Wire To Board Wafer |
| .XX: ± 0.15                              | .X°: ± 2.0°  |                                          |                                                |
| .XXX: ± 0.01                             | .XX°: ± 1.0° | DR: Xian Qiang                           | DATE:09/08/01                                  |
| FINISH:                                  |              | CHKD: Liu Bing                           | DATE:09/08/01                                  |
| DRAWING NO:                              |              | APPD:Ren An De                           | DATE:09/08/01                                  |
|                                          |              |                                          | SCALE: N/A                                     |
|                                          |              |                                          | PAGE: 1/1                                      |
|                                          |              |                                          | UNITS: mm                                      |
|                                          |              |                                          | REV.: A0                                       |





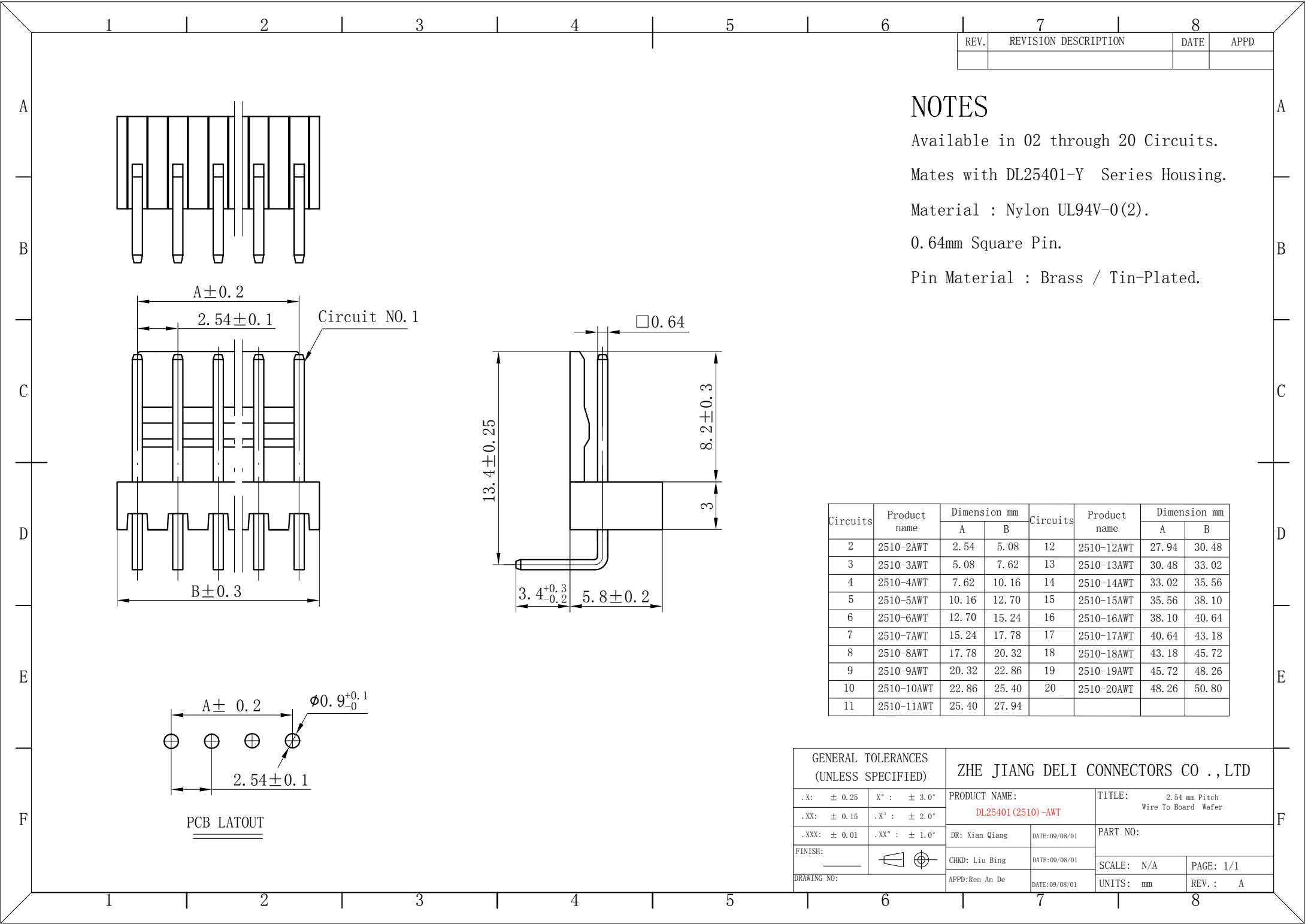
PCB LATOUT

NOTES

Available in 02 through 20 Circuits.  
Mates with DL25401-Y Series Housing.  
Material : Nylon UL94V-0(2).  
0.64mm Square Pin.  
Pin Material : Brass / Tin-Plated.

| Circuits | Product name | Dimension mm |       | Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|----------|--------------|--------------|-------|
|          |              | A            | B     |          |              | A            | B     |
| 2        | 2510-2AW     | 2.54         | 5.08  | 12       | 2510-12AW    | 27.94        | 30.48 |
| 3        | 2510-3AW     | 5.08         | 7.62  | 13       | 2510-13AW    | 30.48        | 33.02 |
| 4        | 2510-4AW     | 7.62         | 10.16 | 14       | 2510-14AW    | 33.02        | 35.56 |
| 5        | 2510-5AW     | 10.16        | 12.70 | 15       | 2510-15AW    | 35.56        | 38.10 |
| 6        | 2510-6AW     | 12.70        | 15.24 | 16       | 2510-16AW    | 38.10        | 40.64 |
| 7        | 2510-7AW     | 15.24        | 17.78 | 17       | 2510-17AW    | 40.64        | 43.18 |
| 8        | 2510-8AW     | 17.78        | 20.32 | 18       | 2510-18AW    | 43.18        | 45.72 |
| 9        | 2510-9AW     | 20.32        | 22.86 | 19       | 2510-19AW    | 45.72        | 48.26 |
| 10       | 2510-10AW    | 22.86        | 25.40 | 20       | 2510-20AW    | 48.26        | 50.80 |
| 11       | 2510-11AW    | 25.40        | 27.94 |          |              |              |       |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO.,LTD |                                                |
|------------------------------------------|---------------|-----------------------------------|------------------------------------------------|
| .X: ± 0.25                               | X° : ± 3.0°   | PRODUCT NAME:<br>DL25401(2510)-AW | TITLE:<br>2.54 mm Pitch<br>Wire To Board Wafer |
| .XX: ± 0.15                              | .X° : ± 2.0°  |                                   |                                                |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR: Xian Qiang                    | DATE:09/08/01                                  |
| FINISH:                                  |               | CHKD: Liu Bing                    | DATE:09/08/01                                  |
| DRAWING NO:                              |               | APPD:Ren An De                    | DATE:09/08/01                                  |
|                                          |               | SCALE: N/A                        | PAGE: 1/1                                      |
|                                          |               | UNITS: mm                         | REV.: A                                        |



| REV. | REVISION DESCRIPTION | DATE | APPD |
|------|----------------------|------|------|
|      |                      |      |      |

NOTES

Available in 02 through 20 Circuits.

Mates with DL25401-Y Series Housing.

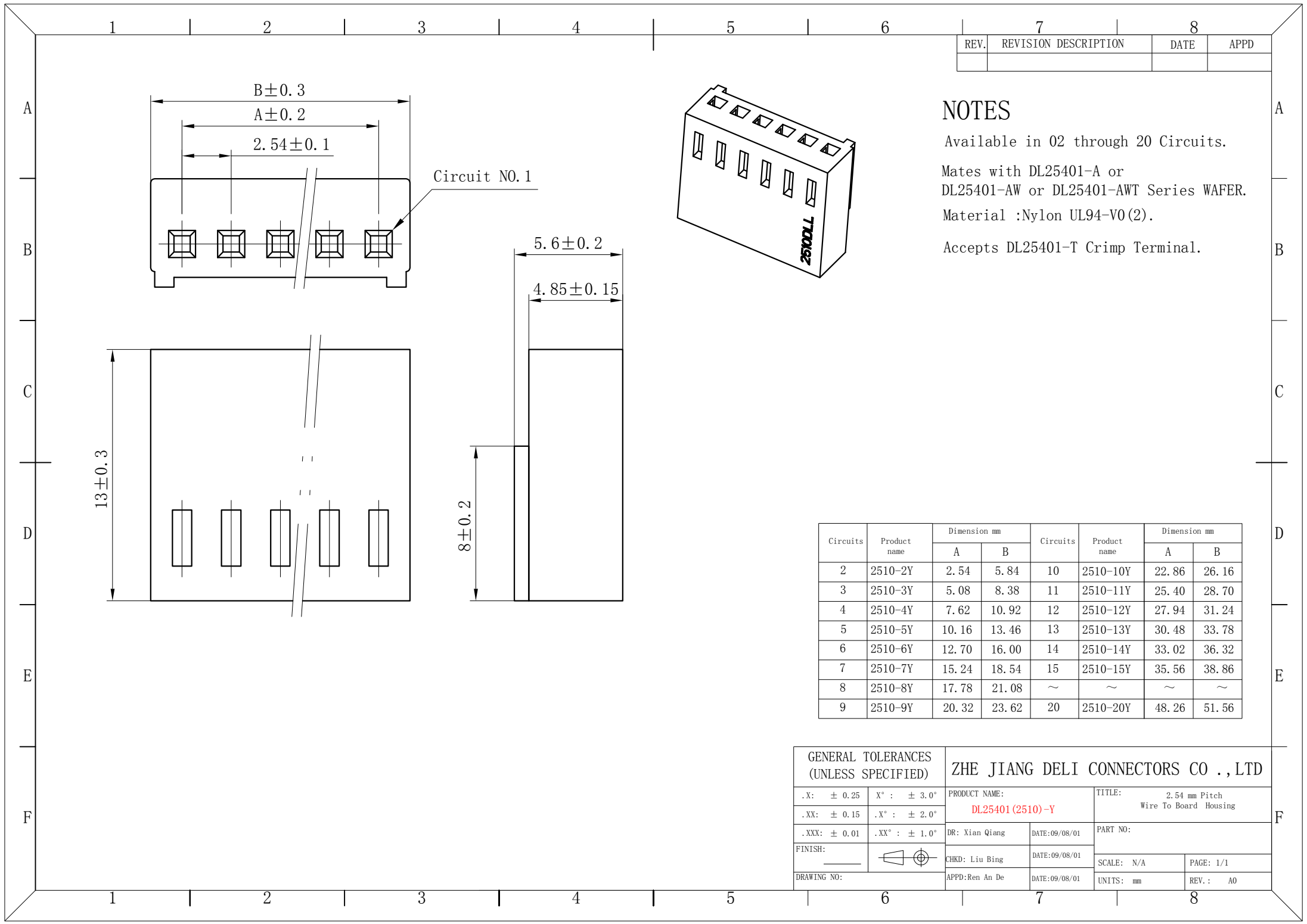
Material : Nylon UL94V-0(2).

0.64mm Square Pin.

Pin Material : Brass / Tin-Plated.

| Circuits | Product name | Dimension mm |       | Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|----------|--------------|--------------|-------|
|          |              | A            | B     |          |              | A            | B     |
| 2        | 2510-2AWT    | 2.54         | 5.08  | 12       | 2510-12AWT   | 27.94        | 30.48 |
| 3        | 2510-3AWT    | 5.08         | 7.62  | 13       | 2510-13AWT   | 30.48        | 33.02 |
| 4        | 2510-4AWT    | 7.62         | 10.16 | 14       | 2510-14AWT   | 33.02        | 35.56 |
| 5        | 2510-5AWT    | 10.16        | 12.70 | 15       | 2510-15AWT   | 35.56        | 38.10 |
| 6        | 2510-6AWT    | 12.70        | 15.24 | 16       | 2510-16AWT   | 38.10        | 40.64 |
| 7        | 2510-7AWT    | 15.24        | 17.78 | 17       | 2510-17AWT   | 40.64        | 43.18 |
| 8        | 2510-8AWT    | 17.78        | 20.32 | 18       | 2510-18AWT   | 43.18        | 45.72 |
| 9        | 2510-9AWT    | 20.32        | 22.86 | 19       | 2510-19AWT   | 45.72        | 48.26 |
| 10       | 2510-10AWT   | 22.86        | 25.40 | 20       | 2510-20AWT   | 48.26        | 50.80 |
| 11       | 2510-11AWT   | 25.40        | 27.94 |          |              |              |       |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO ., LTD |                                                |
|------------------------------------------|---------------|-------------------------------------|------------------------------------------------|
| .X: ± 0.25                               | X° : ± 3.0°   | PRODUCT NAME:<br>DL25401(2510)-AWT  | TITLE:<br>2.54 mm Pitch<br>Wire To Board Wafer |
| .XX: ± 0.15                              | .X° : ± 2.0°  |                                     |                                                |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR: Xian Qiang                      | DATE:09/08/01                                  |
| FINISH:                                  |               | CHKD: Liu Bing                      | DATE:09/08/01                                  |
| DRAWING NO:                              |               | APPD:Ren An De                      | DATE:09/08/01                                  |
|                                          |               | SCALE: N/A                          | PAGE: 1/1                                      |
|                                          |               | UNITS: mm                           | REV. : A                                       |



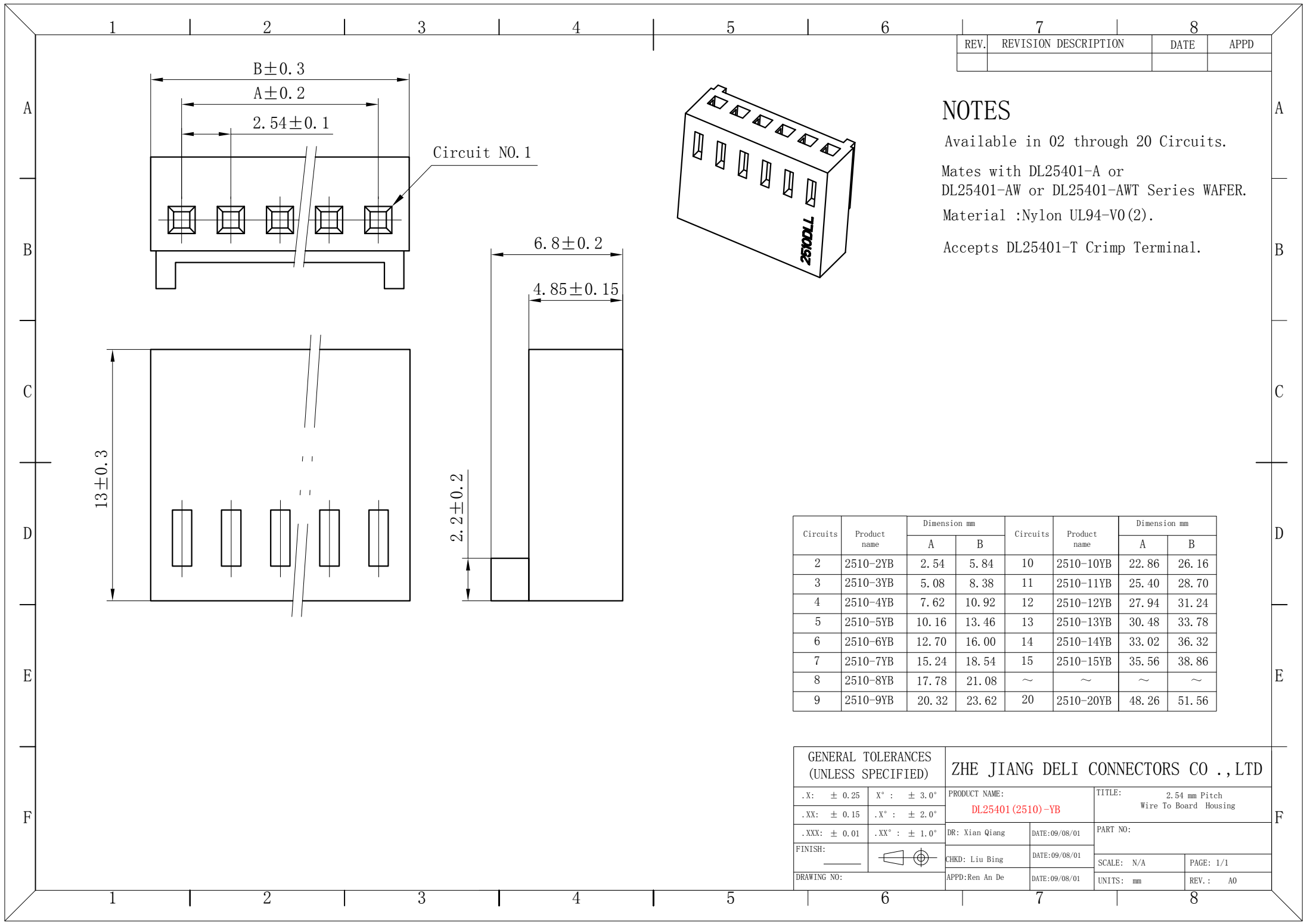
| REV. | REVISION DESCRIPTION | DATE | APPD |
|------|----------------------|------|------|
|      |                      |      |      |

NOTES

Available in 02 through 20 Circuits.  
Mates with DL25401-A or  
DL25401-AW or DL25401-AWT Series WAFER.  
Material :Nylon UL94-V0(2).  
Accepts DL25401-T Crimp Terminal.

| Circuits | Product name | Dimension mm |       | Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|----------|--------------|--------------|-------|
|          |              | A            | B     |          |              | A            | B     |
| 2        | 2510-2Y      | 2.54         | 5.84  | 10       | 2510-10Y     | 22.86        | 26.16 |
| 3        | 2510-3Y      | 5.08         | 8.38  | 11       | 2510-11Y     | 25.40        | 28.70 |
| 4        | 2510-4Y      | 7.62         | 10.92 | 12       | 2510-12Y     | 27.94        | 31.24 |
| 5        | 2510-5Y      | 10.16        | 13.46 | 13       | 2510-13Y     | 30.48        | 33.78 |
| 6        | 2510-6Y      | 12.70        | 16.00 | 14       | 2510-14Y     | 33.02        | 36.32 |
| 7        | 2510-7Y      | 15.24        | 18.54 | 15       | 2510-15Y     | 35.56        | 38.86 |
| 8        | 2510-8Y      | 17.78        | 21.08 | ~        | ~            | ~            | ~     |
| 9        | 2510-9Y      | 20.32        | 23.62 | 20       | 2510-20Y     | 48.26        | 51.56 |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO.,LTD |                                                  |
|------------------------------------------|---------------|-----------------------------------|--------------------------------------------------|
| .X: ± 0.25                               | X° : ± 3.0°   | PRODUCT NAME:<br>DL25401 (2510)-Y | TITLE:<br>2.54 mm Pitch<br>Wire To Board Housing |
| .XX: ± 0.15                              | .X° : ± 2.0°  |                                   |                                                  |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR: Xian Qiang                    | DATE:09/08/01                                    |
| FINISH:                                  |               | CHKD: Liu Bing                    | DATE:09/08/01                                    |
| DRAWING NO:                              |               | APPD:Ren An De                    | DATE:09/08/01                                    |
|                                          |               |                                   | PART NO:                                         |
|                                          |               |                                   | SCALE: N/A                                       |
|                                          |               |                                   | PAGE: 1/1                                        |
|                                          |               |                                   | UNITS: mm                                        |
|                                          |               |                                   | REV.: A0                                         |



| REV. | REVISION DESCRIPTION | DATE | APPD |
|------|----------------------|------|------|
|      |                      |      |      |

NOTES

Available in 02 through 20 Circuits.

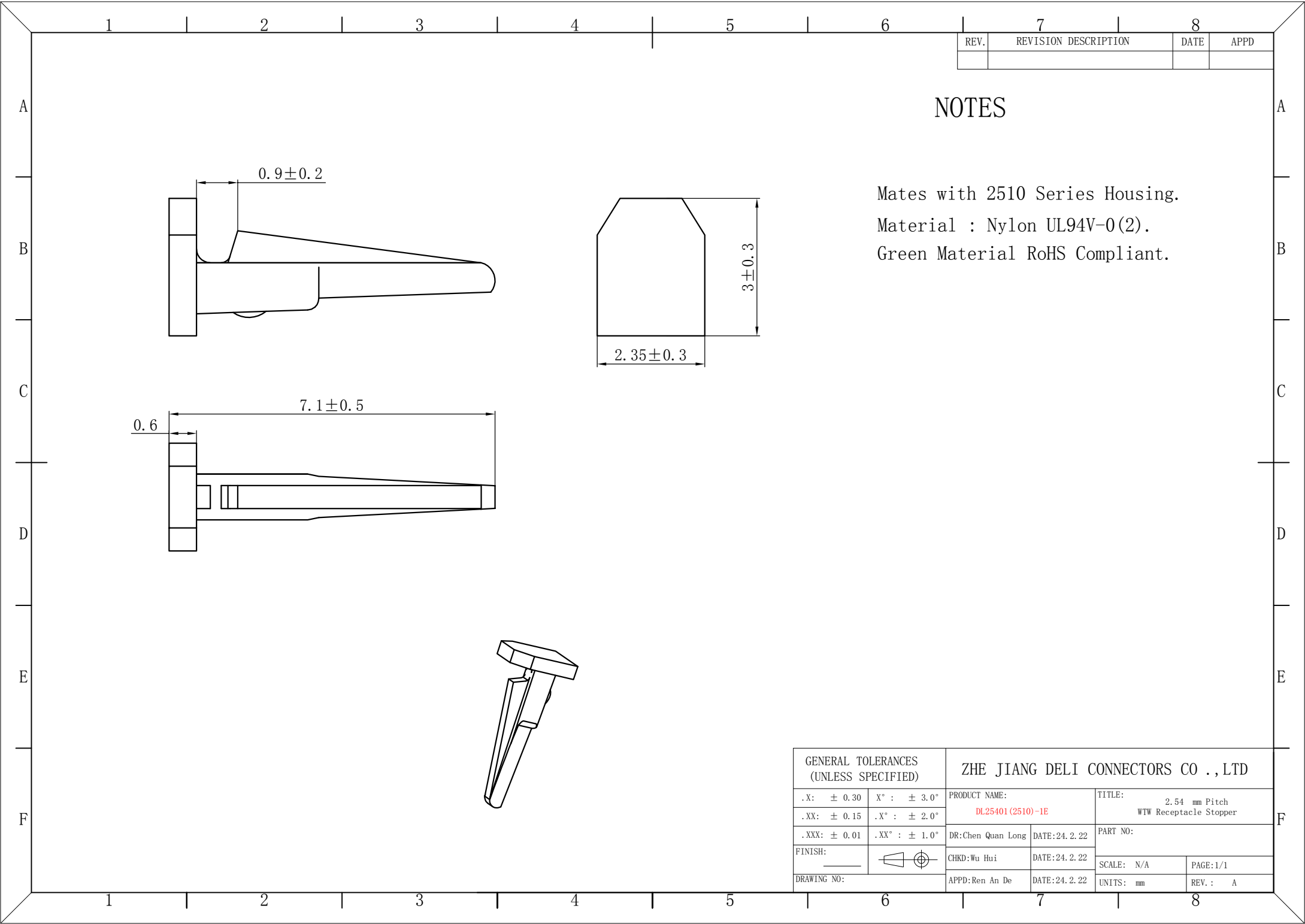
Mates with DL25401-A or  
DL25401-AW or DL25401-AWT Series WAFER.

Material :Nylon UL94-V0(2).

Accepts DL25401-T Crimp Terminal.

| Circuits | Product name | Dimension mm |       | Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|----------|--------------|--------------|-------|
|          |              | A            | B     |          |              | A            | B     |
| 2        | 2510-2YB     | 2.54         | 5.84  | 10       | 2510-10YB    | 22.86        | 26.16 |
| 3        | 2510-3YB     | 5.08         | 8.38  | 11       | 2510-11YB    | 25.40        | 28.70 |
| 4        | 2510-4YB     | 7.62         | 10.92 | 12       | 2510-12YB    | 27.94        | 31.24 |
| 5        | 2510-5YB     | 10.16        | 13.46 | 13       | 2510-13YB    | 30.48        | 33.78 |
| 6        | 2510-6YB     | 12.70        | 16.00 | 14       | 2510-14YB    | 33.02        | 36.32 |
| 7        | 2510-7YB     | 15.24        | 18.54 | 15       | 2510-15YB    | 35.56        | 38.86 |
| 8        | 2510-8YB     | 17.78        | 21.08 | ~        | ~            | ~            | ~     |
| 9        | 2510-9YB     | 20.32        | 23.62 | 20       | 2510-20YB    | 48.26        | 51.56 |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                       | ZHE JIANG DELI CONNECTORS CO .,LTD     |               |                                                  |           |
|------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|---------------|--------------------------------------------------|-----------|
| .X: ± 0.25                               | X° : ± 3.0°                                                                           | PRODUCT NAME:<br><br>DL25401 (2510)-YB |               | TITLE:<br>2.54 mm Pitch<br>Wire To Board Housing |           |
| .XX: ± 0.15                              | .X° : ± 2.0°                                                                          |                                        |               |                                                  |           |
| .XXX: ± 0.01                             | .XX° : ± 1.0°                                                                         | DR: Xian Qiang                         | DATE:09/08/01 | PART NO:                                         |           |
| FINISH:<br>_____                         |  | CHKD: Liu Bing                         | DATE:09/08/01 |                                                  |           |
| DRAWING NO:                              |                                                                                       | APPD:Ren An De                         | DATE:09/08/01 | SCALE: N/A                                       | PAGE: 1/1 |
|                                          |                                                                                       |                                        |               | UNITS: mm                                        | REV. : AO |



| REV. | REVISION DESCRIPTION | DATE | APPD |
|------|----------------------|------|------|
|      |                      |      |      |

NOTES

Mates with 2510 Series Housing.  
Material : Nylon UL94V-0(2).  
Green Material RoHS Compliant.

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO ., LTD |                |                                                   |          |
|------------------------------------------|---------------|-------------------------------------|----------------|---------------------------------------------------|----------|
| .X: ± 0.30                               | X° : ± 3.0°   | PRODUCT NAME:<br>DL25401 (2510)-1E  |                | TITLE:<br>2.54 mm Pitch<br>WTW Receptacle Stopper |          |
| .XX: ± 0.15                              | .X° : ± 2.0°  |                                     |                | PART NO:                                          |          |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR:Chen Quan Long                   | DATE:24. 2. 22 | SCALE: N/A                                        |          |
| FINISH: _____                            |               | CHKD:Wu Hui                         | DATE:24. 2. 22 | PAGE:1/1                                          |          |
| DRAWING NO:                              |               | APPD:Ren An De                      | DATE:24. 2. 22 | UNITS: mm                                         | REV. : A |

| REV. | REVISION DESCRIPTION | DATE       | APPD |
|------|----------------------|------------|------|
| A2   | 图面更新                 | 2019/08/20 |      |

## NOTES

Used in DL25401-Y Series Housing.

Accepts AWG #28~22 Wire Range.

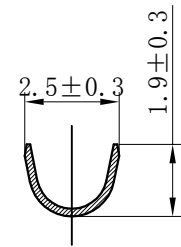
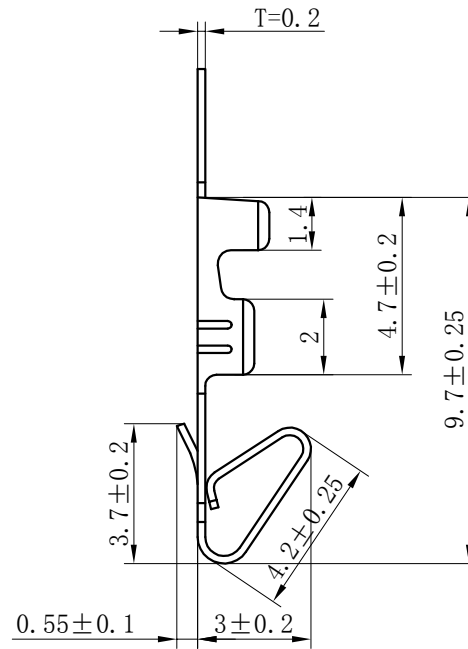
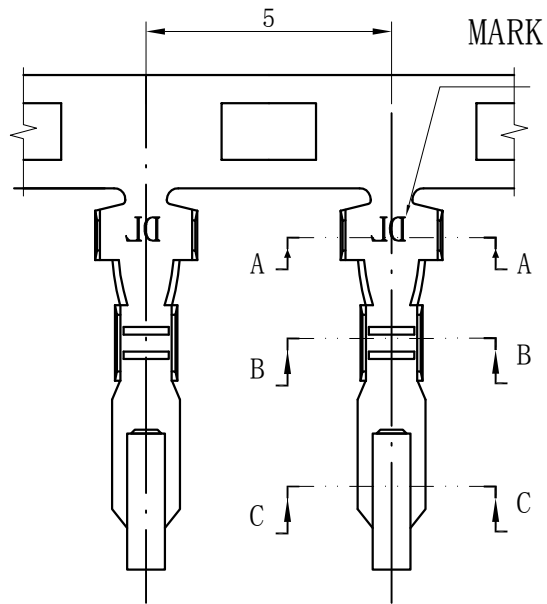
0.06~ 0.33 mm<sup>2</sup> .

Insulation O.D.=1.2~1.9 mm.

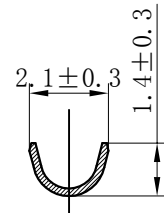
Material : Phosphor Bronze .

Finish: Tin plated.

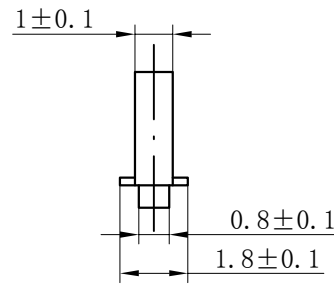
Thickness: 0.2 mm.



SECTION A-A



SECTION B-B



SECTION C-C

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                       | ZHE JIANG DELI CONNECTORS CO ., LTD |              |                              |             |
|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|--------------|------------------------------|-------------|
| .X:    ± 0.25                            | X° :    ± 3.0°                                                                        | PRODUCT NAME:                       |              | TITLE:                       |             |
| .XX:   ± 0.15                            | .X° :    ± 2.0°                                                                       | DL25401 (2510)-T                    |              | 2.54 mm Pitch                |             |
| .XXX: ± 0.01                             | .XX° : ± 1.0°                                                                         | DR:Chen Quan Long                   |              | Wire To Board Crimp Terminal |             |
| FINISH:<br>_____                         |  | DATE:20.12.4                        | PART NO:     |                              |             |
|                                          |                                                                                       | CHKD: Wu Hui                        | DATE:20.12.4 | SCALE: N/A                   | PAGE: 1/1   |
| DRAWING NO:                              |                                                                                       | APPD:Ren An De                      | DATE:20.12.4 | UNITS: mm                    | REV.:    A2 |



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