



# Wiring, Printed – Component

COMPANY

E327080

**WEIYUANDA INDUSTRIAL CO LTD**  
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| Type                             | Cond Width |      | Cond Thk   | SS/ DS/ DSO | Max Area Diam | Report date After 2022-01-01 | Surface Mount Technology | Assembly Process Temp °C | Solder Process Cycles | Solder Limits °C | Solder sec | Max Oper Temp °C | Flame Class | Meets UL796 DSR | C T I |
|----------------------------------|------------|------|------------|-------------|---------------|------------------------------|--------------------------|--------------------------|-----------------------|------------------|------------|------------------|-------------|-----------------|-------|
|                                  | Min        | Edge |            |             |               |                              |                          |                          |                       |                  |            |                  |             |                 |       |
|                                  | mm         | mm   |            |             |               |                              |                          |                          |                       |                  |            |                  |             |                 |       |
|                                  | mm         | mm   |            |             |               |                              |                          |                          |                       |                  |            |                  |             |                 |       |
| Multilayer printed wiring boards |            |      |            |             |               |                              |                          |                          |                       |                  |            |                  |             |                 |       |
| RZ-02                            | 0.15       | 0.35 | 17 Int:70  | DS          | 50.8          | No                           | -                        | -                        | -                     | 288              | 20         | 130              | V-0         | All             | -     |
| WYD-1                            | 0.1        | 0.1  | 17 Int:34  | DS          | 50.8          | No                           | -                        | -                        | -                     | 280              | 20         | 130              | V-0         | All             | *     |
| WYD-1A (ASP 1)                   | 0.10       | 0.10 | 12 Int:102 | DS          | 50.8          | Yes                          | Yes                      | 260                      | 4                     | 280              | 10         | 130              | V-0         | All             | *     |
| WYD-1B (ASP 1) (Note 1)          | 0.15       | 0.15 | 12 Int:175 | DS          | 50.8          | Yes                          | Yes                      | 260                      | 4                     | 280              | 10         | 130              | V-0         | All             | *     |
| WYD-1C (ASP 1)                   | 0.10       | 0.10 | 12 Int:102 | DS          | 50.8          | Yes                          | Yes                      | 260                      | 4                     | 280              | 10         | 130              | V-0         | All             | *     |
| WYD-1D (ASP 1) (Note 1)          | 0.15       | 0.15 | 12 Int:210 | DS          | 50.8          | Yes                          | Yes                      | 260                      | 4                     | 280              | 10         | 150              | V-0         | All             | *     |
| WYD-8                            | 0.1        | 0.1  | 17 Int:34  | DS          | 50.8          | No                           | -                        | -                        | -                     | 280              | 20         | 130              | V-0         | All             | 2     |
| WYD-RM                           | 0.14       | 0.14 | 18 Int:35  | DS          | 50.8          | No                           | -                        | -                        | -                     | 288              | 20         | 130              | V-0         | All             | *     |

| Single layer metal base printed wiring boards |      |      |    |    |      |     |     |     |   |     |    |     |     |     |   |
|-----------------------------------------------|------|------|----|----|------|-----|-----|-----|---|-----|----|-----|-----|-----|---|
| <i><b>RZ-3</b></i>                            | 0.1  | 0.15 | 17 | SS | 102  | No  | -   | -   | - | 288 | 20 | 90  | V-0 | All | * |
| <i><b>WYD-BY</b></i>                          | 0.10 | 0.10 | 18 | SS | 50.8 | No  | -   | -   | - | 288 | 20 | 130 | V-0 | All | 0 |
| <i><b>WYD-VTA</b></i>                         | 0.10 | 0.10 | 18 | SS | 50.8 | No  | -   | -   | - | 288 | 20 | 90  | V-0 | All | 0 |
| <i><b>WYD-VTB</b></i>                         | 0.10 | 0.10 | 18 | SS | 50.8 | No  | -   | -   | - | 288 | 20 | 130 | V-0 | All | 0 |
| Single layer printed wiring boards            |      |      |    |    |      |     |     |     |   |     |    |     |     |     |   |
| <i><b>RZ-01</b></i>                           | 0.15 | 0.35 | 17 | DS | 50.8 | No  | -   | -   | - | 288 | 20 | 130 | V-0 | All | - |
| <i><b>WYD-2</b></i>                           | 0.1  | 0.1  | 17 | DS | 50.8 | No  | -   | -   | - | 280 | 20 | 130 | V-0 | All | * |
| <i><b>WYD-2A (ASP 1)</b></i>                  | 0.10 | 0.10 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| <i><b>WYD-2B (ASP 1) (Note 1)</b></i>         | 0.15 | 0.15 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| <i><b>WYD-2C (ASP 1)</b></i>                  | 0.10 | 0.10 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| <i><b>WYD-2D (ASP 1) (Note 1)</b></i>         | 0.15 | 0.15 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 150 | V-0 | All | * |
| <i><b>WYD-3</b></i>                           | 0.1  | 0.1  | 17 | DS | 50.8 | No  | -   | -   | - | 280 | 20 | 130 | V-0 | All | * |
| <i><b>WYD-9</b></i>                           | 0.1  | 0.1  | 17 | DS | 50.8 | No  | -   | -   | - | 280 | 20 | 130 | V-0 | All | 2 |
| <i><b>WYD-HS</b></i>                          | 0.10 | 0.12 | 18 | DS | 50.8 | No  | -   | -   | - | 288 | 20 | 130 | V-0 | All | * |
| <i><b>WYD-R2</b></i>                          | 0.14 | 0.14 | 18 | DS | 50.8 | No  | -   | -   | - | 288 | 20 | 130 | V-0 | All | * |

\* - CTI marking is optional and may be marked on the printed wiring board.

# - when the external Cu thickness is 136 mic, Min. conductor width is 0.31 mm and Min. Edge conductor width is 0.33 mm.

(ASP 1) - Assembly solder process evaluated to IPC-TM-650, 2.6.27 Thermal Stress Assembly Simulation

(Note 1) - the min conductor width and min edge conductor width are 0.35mm when the external copper weight exceeds 102mic

factory identification or flammability classification..

Last Updated on 2025-11-20

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