# Wiring, Printed - Component

**COMPANY** **E327080**

**WEIYUANDA INDUSTRIAL CO LTD**
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| Type | Cond Width Min mm | Min Edge mm | Cond Thk mic | SS/ DS/ DSO | Max Area Diam mm | Report date After 2022-01-01 | Surface Mount Technology | Assembly Solder Process Temp °C | Solder Process Cycles | Solder Limits °C | Solder Limits sec | Max Oper Temp °C | Flame Class | Meets UL796 DSR | C T I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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** | | | | | | | | | | | | | | | |
| ***RZ-3*** | 0.1 | 0.15 | 17 | SS | 102 | No | - | - | - | 288 | 20 | 90 | V-0 | All | * |
| ***WYD-BY*** | 0.10 | 0.10 | 18 | SS | 50.8 | No | - | - | - | 288 | 20 | 130 | V-0 | All | 0 |
| ***WYD-VTA*** | 0.10 | 0.10 | 18 | SS | 50.8 | No | - | - | - | 288 | 20 | 90 | V-0 | All | 0 |
| ***WYD-VTB*** | 0.10 | 0.10 | 18 | SS | 50.8 | No | - | - | - | 288 | 20 | 130 | V-0 | All | 0 |
| **Single layer printed wiring boards** | | | | | | | | | | | | | | | |
| ***RZ-01*** | 0.15 | 0.35 | 17 | DS | 50.8 | No | - | - | - | 288 | 20 | 130 | V-0 | All | - |
| ***WYD-2*** | 0.1 | 0.1 | 17 | DS | 50.8 | No | - | - | - | 280 | 20 | 130 | V-0 | All | * |
| ***WYD-2A (ASP 1)*** | 0.10 | 0.10 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| ***WYD-2B (ASP 1) (Note 1)*** | 0.15 | 0.15 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| ***WYD-2C (ASP 1)*** | 0.10 | 0.10 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 130 | V-0 | All | * |
| ***WYD-2D (ASP 1) (Note 1)*** | 0.15 | 0.15 | 12 | DS | 50.8 | Yes | Yes | 260 | 4 | 280 | 10 | 150 | V-0 | All | * |
| ***WYD-3*** | 0.1 | 0.1 | 17 | DS | 50.8 | No | - | - | - | 280 | 20 | 130 | V-0 | All | * |
| ***WYD-9*** | 0.1 | 0.1 | 17 | DS | 50.8 | No | - | - | - | 280 | 20 | 130 | V-0 | All | 2 |
| ***WYD-HS*** | 0.10 | 0.12 | 18 | DS | 50.8 | No | - | - | - | 288 | 20 | 130 | V-0 | All | * |
| ***WYD-R2*** | 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

Marking: Company name or trademark or file number and type designation. May be followed by a suffix to denote

factory identification or flammability classification..

Last Updated on 2025-11-20