

# Data Sheet

## Pluggable Terminal Block (Wafer)

**Pitch: 5,00 mm**

**Serie: A14L092**

**Customer Information for special Item**

**EDCON Customer : xxxxxx**

**Customer Version No. : xx**

# EDCON-COMPONENTS



## Technical Description



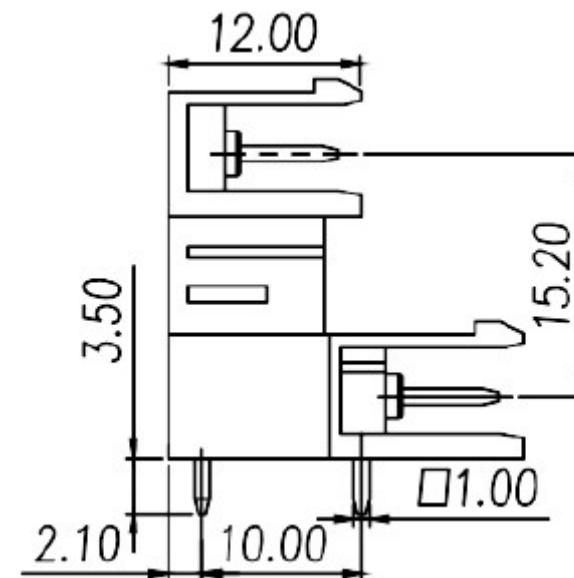
| Use Group                        | B          | C   | D   |
|----------------------------------|------------|-----|-----|
| Rated Voltage (V)                | 300        | -   | 300 |
| Rated Current (A)                | 15         | -   | 10  |
| Wire Range                       |            |     |     |
| Solid Wire (AWG)                 |            |     |     |
| Stranded Wire (AWG)              |            |     |     |
| Withstanding Voltage             | 1600V 1Min |     |     |
|                                  |            |     |     |
| Overvoltage Category             | III        | III | II  |
| Contamination Class              | 3          | 2   | 2   |
| Rated Voltage (V)                | 250        | 320 | 400 |
| Rated Current (A)                | 10         | 10  | 10  |
| Impuls Withstanding Voltage (KV) | 4          | 4   | 4   |
| Conductor Cross Section          |            |     |     |
| Solid Wire (mm²)                 |            |     |     |
| Flexible Wire (mm²)              |            |     |     |

## Other Description

|                     |              |
|---------------------|--------------|
| Insulation Material | PA66         |
| Imflamability       | UL94V-0      |
| Contact Material    | Copper alloy |
| Contctive Coating   | Sn Plated    |

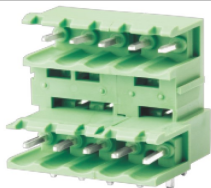
|                           |               |
|---------------------------|---------------|
| Pitch ( mm)               | 5             |
| Poles (Pos)               | 2*2 ~2*24     |
| Stripping Length (mm)     | -             |
| Screw Size                | -             |
| Screw Material            | -             |
| Screw Torque max, (N.m)   | -             |
| Operating Temperatur (°C) | -.40 to + 105 |

|                         |         |
|-------------------------|---------|
| Pin Dimensions (mm)     | 1,0x1,0 |
| PCB Hole Diameter ( mm) | Ø= 1,7  |
|                         |         |
|                         |         |
|                         |         |
|                         |         |

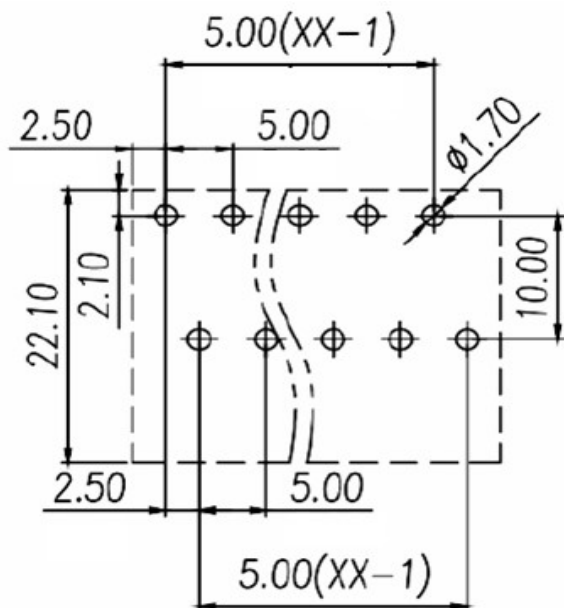


| linear dimension ( Tolerances Standard GB/T 14486-2008 |        |              |               |               |                |                 |             | —     |                |            | Pluggable Terminal Block<br>(Wafer) |         |
|--------------------------------------------------------|--------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|------------|-------------------------------------|---------|
| variable range                                         | to 6   | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to | to 10 | over 10 to 100 | over 100to |                                     |         |
| tolerance                                              | ±0.20  | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60       | 0.10  | 0.30           | 0.60       | Part No.:                           | A14L092 |
| DRW:                                                   | Jason  | CHKD         | Wilson        | MATL:         | Wilson         | TOLERANCE       | Mason       | DATE  | 18.02.2025     | Customer:  |                                     |         |
| APPD:                                                  | Schumi |              |               | FINISH        | Jamy           |                 | Sheet No.   |       | 1 from 4       |            |                                     |         |

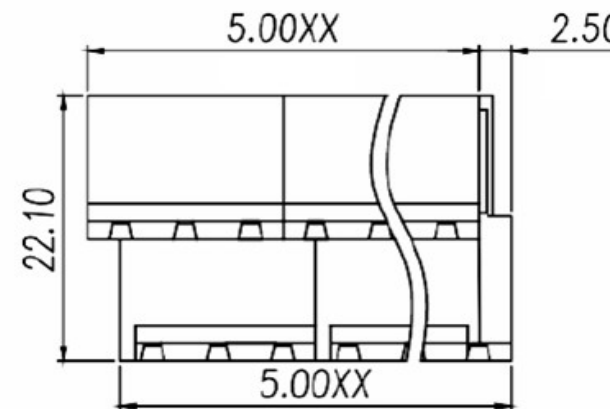
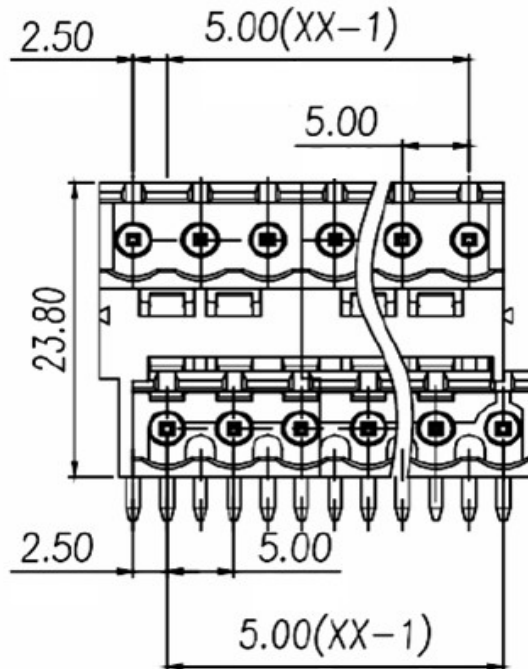
# EDCON-COMPONENTS



PCB Layout



Dimensions / Tolerance (mm)



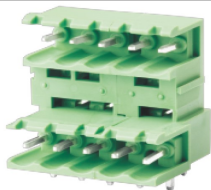
| Tolerances unless otherwise specified (mm) |        |       |        |        |        |           |           |          |            | Pluggable Terminal Block<br>(Wafer) |
|--------------------------------------------|--------|-------|--------|--------|--------|-----------|-----------|----------|------------|-------------------------------------|
| x                                          |        | x.x   |        | x.xx   |        | x.xxx     |           | Angle    |            |                                     |
| ±1                                         |        | ±0,60 |        | ±0,30  |        | ±0,10     |           | ±3°      |            | Part No.: <b>A14L092</b>            |
| DRW:                                       | Jason  | CHKD  | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 18.02.2025 | Customer:                           |
| APPD:                                      | Schumi |       |        | FINISH | Jamy   |           | Sheet No. | 2 from 4 |            |                                     |

[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

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# EDCON-COMPONENTS



## Ordering Informations

| Serie          | No. of Pos. | Body Color | Special Function | Approval Code | ROHS     | Packing  | EDCON Cust. No. | Customer Version |  |  |
|----------------|-------------|------------|------------------|---------------|----------|----------|-----------------|------------------|--|--|
| <b>A14L092</b> | <b>02</b>   | <b>PG</b>  | <b>N</b>         | <b>N</b>      | <b>R</b> | <b>B</b> | <b>xxxxxxx</b>  | <b>xx</b>        |  |  |

|               |                                                    |                                                                                                                                                                                                                         |                                |                                                                                                                                                                                                                                                                             |                                                            |                                                           |                                  |                                              |
|---------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|----------------------------------------------|
| Pitch<br>5,00 | <b>02</b> = Number of Pos.<br>Standard 2 ~ 24 Pos. | <b>PG</b> = Phoenix Green (Standard)<br><br><b>WH</b> = White<br><br><b>GN</b> = Green<br><br><b>GY</b> = Gray<br><br><b>LG</b> = Light Gray<br><br><b>OR</b> = Orange<br><br><b>BL</b> = Blue<br><br><b>BK</b> = Black | <b>N</b> = No special function | <b>N</b> = NON Approval<br><br><b>1</b> = UL-Approval for Material<br><br><b>A</b> = UL /UR Approval Please consult EDCON for available<br><br><b>B</b> = VDE Approval Please consult EDCON for available<br><br><b>C</b> = TÜV Approval Please consult EDCON for available | <b>R</b> = ROHS Conform<br><br><b>N</b> = NON ROHS Conform | <b>B</b> = Bulk-Ware<br><br><b>I</b> = Individual Package | <b>xxxxxxx</b> = Customer Number | <b>xx</b> = Customer Version<br>??(Printing) |
|---------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|----------------------------------------------|

**Pluggable Terminal Block (Wafer)**

Part No.: **A14L092**

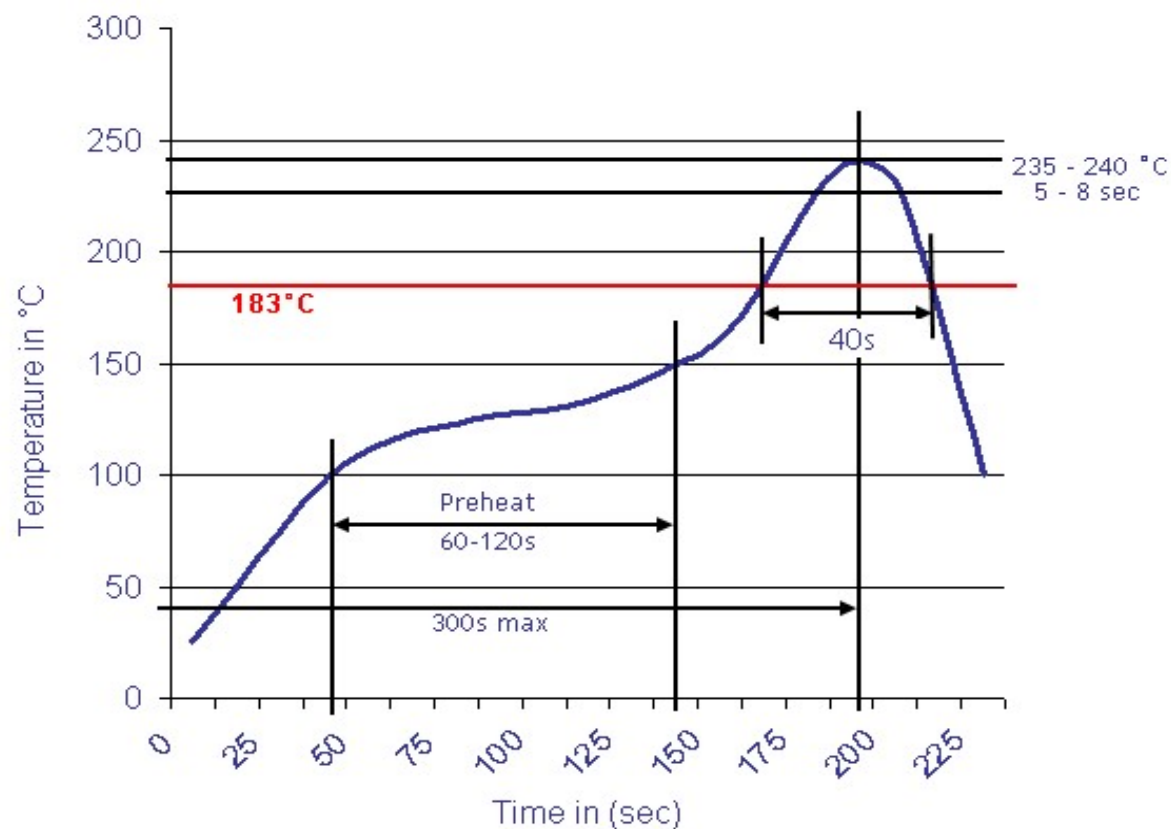
|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 18.02.2025 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |

Customer:



## Soldering Profile Curve

## Classification Reflow Profile (JEDEC J-STD-020C)


**Pluggable Terminal Block  
(Wafer)**

 Part No.: **A14L092**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 18.02.2025 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |