

# Data Sheet

## Pluggable Terminal Block (Wafer)

**Pitch: 3,50 mm**

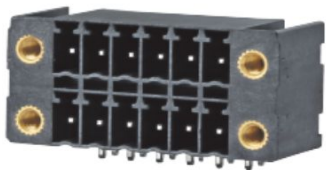
**Serie: A14G075**

### Customer Information for special Item

**EDCON Customer : xxxxxx**

**Customer Version No. : xx**

# EDCON-COMPONENTS



## Technical Discription

### Electrical:

Rated voltage:  
Rated current:  
Withstanding Voltage: AC/1min:  
Operating Temperature:

| UL    | IEC   | VDE |
|-------|-------|-----|
| 300V  | 250V  |     |
| 8A    | 8A    |     |
| 1600V | 2500V |     |

-40°C ~ +130°C

### Mechanical:

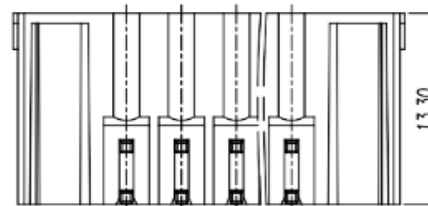
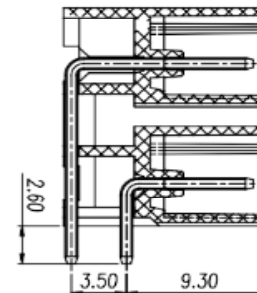
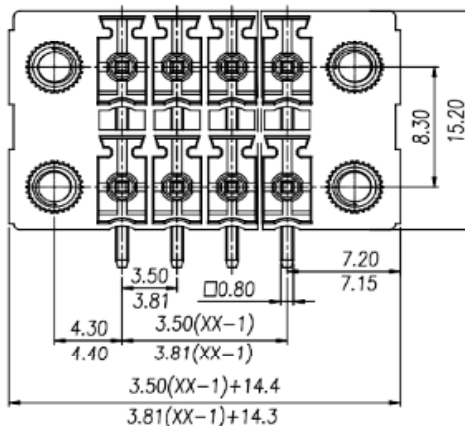
Strip length: mm  
Wire range: Solid wire: AWG  
Wire range: Stranded wire:AWG

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |

### Material:

Housing Terminal Body: Thermoplastik UL94V-0  
Material Screw: Stainless steel  
Material Terminal: Copper Alloy / Tin plated  
Pin Dimension: 0,8x0,8mm  
Hole Dimension: 1,4mm  
Soldering Temperature: 285°C / 10Sec.

## Drawing (Dimension in mm)



| Item No. |  |  |
|----------|--|--|
| 1        |  |  |
| 2        |  |  |
| 3        |  |  |
| 4        |  |  |
| 5        |  |  |
| 6        |  |  |
| 7        |  |  |
| 8        |  |  |
| 9        |  |  |

| Tolerances unless otherwise specified (mm) |        |      |           |            |
|--|--------|------|-----------|------------|
| x  | x.x    | x.xx | x.xxx     | Angle      |
| ±  | ±      | ±    | ±         | ±3°        |
| DRW:                                       | Jason  | CHKD | Wilson    | MATL:      |
| APPD:                                      | Schumi |      | FINISH    | Jamy       |
|  |        |      | DATE      | 19.07.2023 |
|  |        |      | Sheet No. | 1 from 4   |

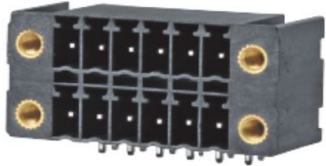
**Pluggable Terminal Block  
(Wafer)**

Part No.: **A14G075**

Customer:

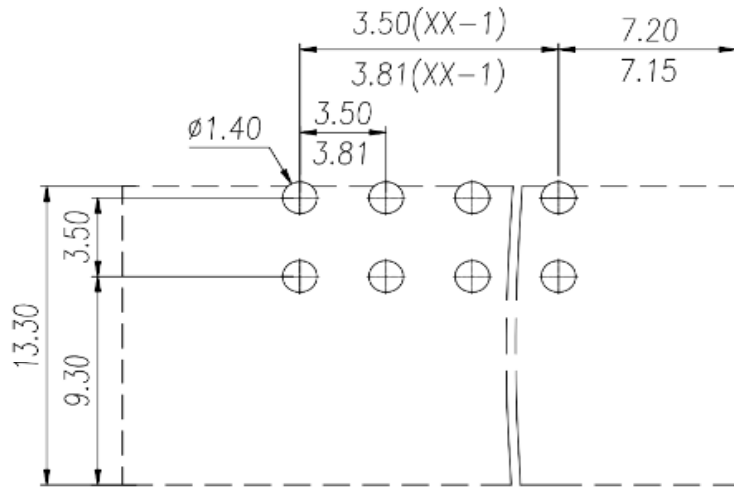
[www.edcon-components.com](http://www.edcon-components.com)

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



PCB Layout

Dimensions / Tolerance (mm)



|   |                |
|---|----------------|
| <b>Pluggable Terminal Block<br/>(Wafer)</b> |                |
| Part No.:                                   | <b>A14G075</b> |
| Customer:                                   |                |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 19.07.2023 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

# EDCON-COMPONENTS



## Ordering Informations

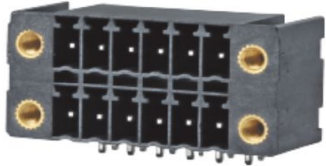
| Serie          | No. of Pos. | Body Color | No Function | Approval Code | ROHS     | Packing  | EDCON Cust. No. | Customer Version |  |  |
|----------------|-------------|------------|-------------|---------------|----------|----------|-----------------|------------------|--|--|
| <b>A14G075</b> | <b>04</b>   | <b>BK</b>  | <b>N</b>    | <b>N</b>      | <b>R</b> | <b>B</b> | <b>xxxxxx</b>   | <b>xx</b>        |  |  |

Pitch  
3,50

|  |                  |                       |  |                            |                              |                                |  |
|--|------------------|-----------------------|--|----------------------------|------------------------------|--------------------------------|--|
| <b>04= 2x02Pos to<br/>48= 2x24Pos.</b> |                  | <b>N= No function</b> | <b>N= NON Approval</b>                                       | <b>R= ROHS Conform</b>     | <b>B= Bulk-Ware</b>          | <b>xxxxxx= Customer Number</b> | <b>xx= Customer Version ??(Printing)</b> |
|  |                  |                       | <b>1= UL-Approval for Material</b>                           | <b>N= NON ROHS Conform</b> | <b>I= Individual Package</b> |                                |  |
|  |                  |                       | <b>A= UL /UR Approval Please consult EDCON for available</b> |                            |                              |                                |  |
|  |                  |                       | <b>B= VDE Approval Please consult EDCON for available</b>    |                            |                              |                                |  |
|  | <b>BK= Black</b> |                       | <b>C= TÜV Approval Please consult EDCON for available</b>    |                            |                              |                                |  |

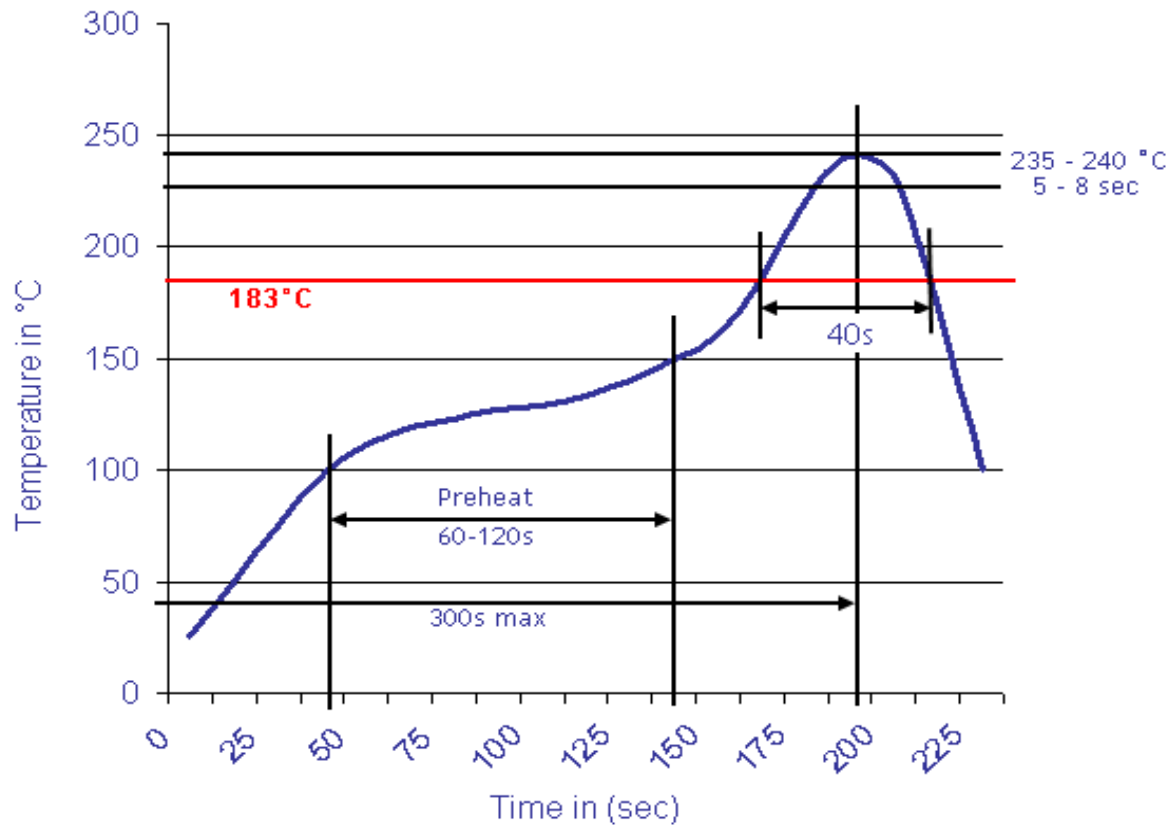
|   |                |
|---|----------------|
| <b>Pluggable Terminal Block (Wafer)</b> |                |
| Part No.:                               | <b>A14G075</b> |
| Customer:                               |                |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 19.07.2023 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |



Soldering Profile Curve

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



|   |
|---|
| <b>Pluggable Terminal Block<br/>(Wafer)</b> |
| Part No.: <b>A14G075</b>                    |
| Customer:                                   |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 19.07.2023 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 4 from 4   |