

# Data Sheet

## Elevated Terminal Block

**Pitch: 5,08 mm**

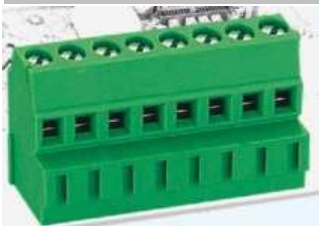
**Serie: A13M013**

### Customer Information for special Item

**EDCON Customer : 0**

**Customer Version No. : 0**

# EDCON-COMPONENTS



## Technical Discription

## Drawing (Dimension in mm)

### Electrical

|                       |                |
|-----------------------|----------------|
| Rated Voltage         | 250 Volt       |
| Rated Current         | 24A            |
| Wire Range            |                |
| Solid Wire            | AWG 12~24      |
| Stranged Wire         | AWG 12~24      |
| Withstanding Voltage  | 2,0KV          |
| Insulation Resistance | 5000MΩ / 1000V |

### Mechanical

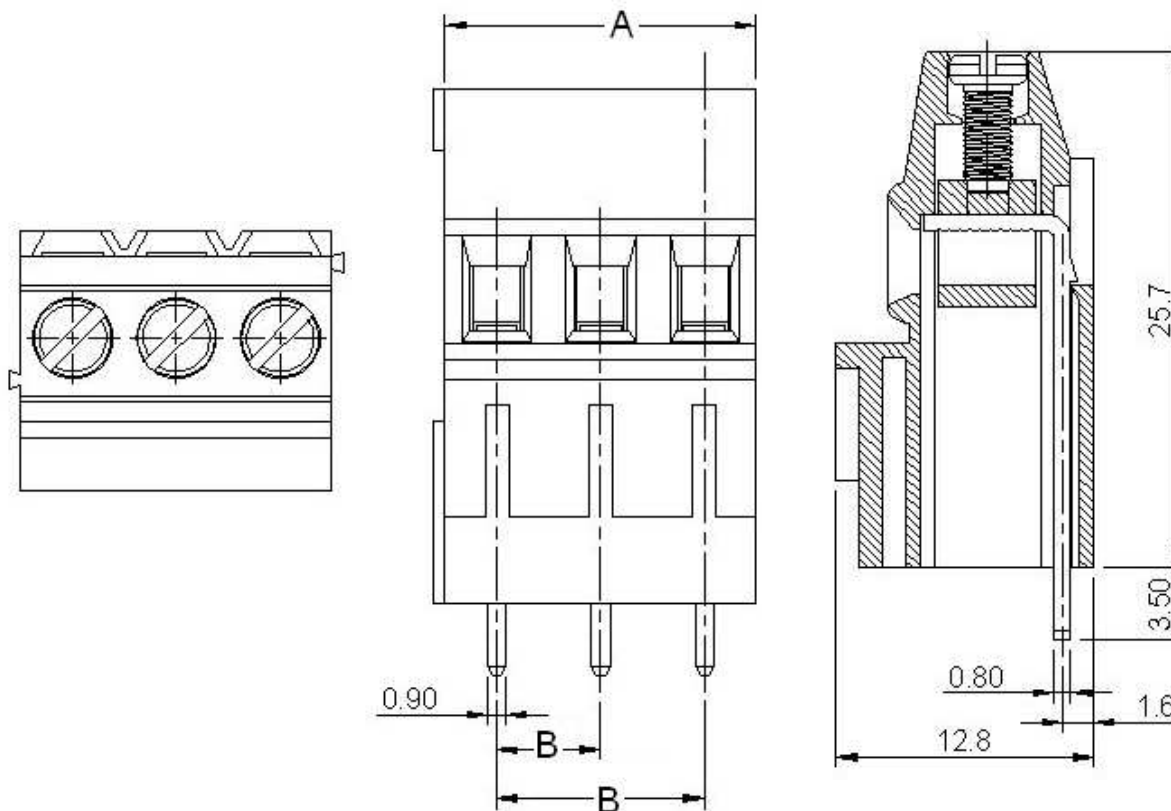
|                       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C ~ +115°C |
| Wire Strip Length     | 7mm            |

### Dimensions

|            |                     |
|------------|---------------------|
| Pitch (mm) | 5,08                |
| Poles      | 2 + 3Pos. ~ 24 Pos. |

### Materials

|                          |                          |
|--------------------------|--------------------------|
| 1 Terminal Housing       | Thermoplastic ( UL94V-0) |
| 2 Clamp                  | Brass Ni, plated         |
| 3 Wire guard             | Wire guard solder Pin    |
| 4 Terminal screw         | Steel Zinc plating       |
| 5 Terminal Housing Cover | Thermoplastic ( UL94V-0) |



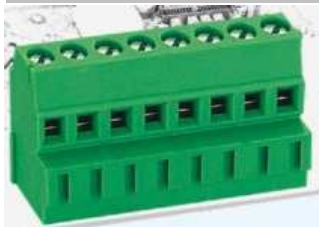
### Elevated Terminal Block

Part No.: **A13M013**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 11.02.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 |            |

# EDCON-COMPONENTS



PCB Layout

Dimensions (mm)

| No. of Pos. | A      | Tol. A | B      | Tol. B |
|-------------|--------|--------|--------|--------|
| 02          | 10,16  | ± 0,15 | 5,08   | ± 0,15 |
| 03          | 15,24  | ± 0,15 | 10,16  | ± 0,15 |
| 04          | 20,32  | ± 0,15 | 15,24  | ± 0,15 |
| 05          | 25,40  | ± 0,15 | 20,32  | ± 0,15 |
| 06          | 30,48  | ± 0,15 | 25,40  | ± 0,15 |
| 07          | 35,56  | ± 0,25 | 30,48  | ± 0,25 |
| 08          | 40,64  | ± 0,25 | 35,56  | ± 0,25 |
| 09          | 45,72  | ± 0,25 | 40,64  | ± 0,25 |
| 10          | 50,80  | ± 0,25 | 45,72  | ± 0,25 |
| 11          | 55,88  | ± 0,25 | 50,80  | ± 0,25 |
| 12          | 60,96  | ± 0,25 | 55,88  | ± 0,25 |
| 13          | 66,04  | ± 0,35 | 60,96  | ± 0,35 |
| 14          | 71,12  | ± 0,35 | 66,04  | ± 0,35 |
| 15          | 76,20  | ± 0,35 | 71,12  | ± 0,35 |
| 16          | 81,28  | ± 0,35 | 76,20  | ± 0,35 |
| 17          | 86,36  | ± 0,35 | 81,28  | ± 0,35 |
| 18          | 91,44  | ± 0,35 | 86,36  | ± 0,35 |
| 19          | 96,52  | ± 0,35 | 91,44  | ± 0,35 |
| 20          | 101,60 | ± 0,40 | 96,52  | ± 0,40 |
| 21          | 106,68 | ± 0,40 | 101,60 | ± 0,40 |
| 22          | 111,76 | ± 0,40 | 106,68 | ± 0,40 |
| 23          | 116,84 | ± 0,40 | 111,76 | ± 0,40 |
| 24          | 121,92 | ± 0,40 | 116,84 | ± 0,40 |

Customer Special Information (Picture, Drawing )

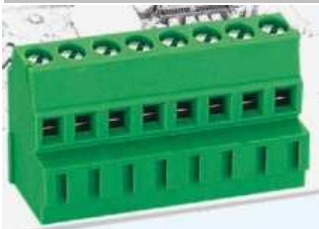
**Elevated Terminal Block**

Part No.: **A13M013**

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 11.02.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

Customer:



# EDCON-COMPONENTS



## Ordering Informations

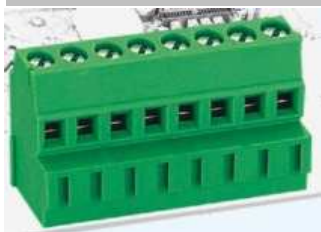
| Serie | No. of Pos. | Body Color | No Function | Approval Code | ROHS | Packing | EDCON Cust. No. | Customer Version |  |  |
|-------|-------------|------------|-------------|---------------|------|---------|-----------------|------------------|--|--|
|-------|-------------|------------|-------------|---------------|------|---------|-----------------|------------------|--|--|

|                |           |           |          |          |          |          |  |  |  |  |
|----------------|-----------|-----------|----------|----------|----------|----------|--|--|--|--|
| <b>A13M013</b> | <b>02</b> | <b>PG</b> | <b>A</b> | <b>N</b> | <b>R</b> | <b>B</b> |  |  |  |  |
|----------------|-----------|-----------|----------|----------|----------|----------|--|--|--|--|

|               |   |   |   |  |  |   |                                 |  |  |  |
|---------------|---|---|---|--|--|---|---------------------------------|--|--|--|
| Pitch<br>5,08 | <b>02</b> = Number of Pos.<br>Standard 2 + 3Pos- ~ 24Pos. | <b>PG</b> = Phoenix Green (Standard)<br><b>WH</b> = White<br><b>GN</b> = Green<br><b>GY</b> = Gray<br><b>LG</b> = Light Gray<br><b>OR</b> = Orange<br><b>BL</b> = Blue<br><b>BK</b> = Black | <b>A</b> = Slotted Screw Type (Standard)<br><br><b>B</b> = Cross Slotted Screw Type<br> | <b>N</b> = NON Approval<br><b>A</b> = UL /UR Approval Please consult EDCON for available<br><b>B</b> = VDE Approval Please consult EDCON for available<br><b>C</b> = TÜV Approval Please consult EDCON for available | <b>R</b> = ROHS Conform<br><b>N</b> = NON ROHS Conform | <b>B</b> = Bulk-Ware<br><b>I</b> = Individual Package | <b>xxxxxx</b> = Customer Number | <b>xxx</b> = Customer Version ??(Printing) |  |  |
|---------------|---|---|---|--|--|---|---------------------------------|--|--|--|

| Elevated Terminal Block |                |
|-------------------------|----------------|
| Part No.:               | <b>A13M013</b> |
| Customer:               |                |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 11.02.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 4 |            |



Soldering Profile Curve

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



|                                |                |
|--------------------------------|----------------|
| <b>Elevated Terminal Block</b> |                |
| Part No.:                      | <b>A13M013</b> |
| Customer:                      |                |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 11.02.2011 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |