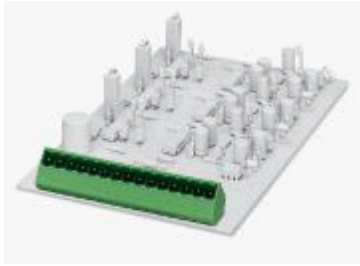


**SMSTBA 2,5/...-G**Angled header **with** side panels

Pitch 5.0 or 5.08

|                 | I   | U   |
|-----------------|-----|-----|
|                 | [A] | [V] |
| Connection data | 12  | 250 |



| Description                                   | No. of positions | Dim. a [mm] | Type                | Order No.                  | Pcs. Pkt. |
|-----------------------------------------------|------------------|-------------|---------------------|----------------------------|-----------|
| <b>Header, 5.0 mm pitch,</b><br>color: green  | 2                | 5           | SMSTBA 2,5/2-G      | <a href="#">17 69 80 3</a> | 50        |
|                                               | 3                | 10          | SMSTBA 2,5/3-G      | <a href="#">17 69 81 6</a> |           |
|                                               | 4                | 15          | SMSTBA 2,5/4-G      | <a href="#">17 69 82 9</a> |           |
|                                               | 5                | 20          | SMSTBA 2,5/5-G      | <a href="#">17 69 83 2</a> |           |
|                                               | 6                | 25          | SMSTBA 2,5/6-G      | <a href="#">17 69 84 5</a> |           |
|                                               | 7                | 30          | SMSTBA 2,5/7-G      | <a href="#">17 69 85 8</a> |           |
|                                               | 8                | 35          | SMSTBA 2,5/8-G      | <a href="#">17 69 86 1</a> |           |
|                                               | 9                | 40          | SMSTBA 2,5/9-G      | <a href="#">17 69 87 4</a> |           |
|                                               | 10               | 45          | SMSTBA 2,5/10-G     | <a href="#">17 69 88 7</a> |           |
|                                               | 11               | 50          | SMSTBA 2,5/11-G     | <a href="#">17 69 89 0</a> |           |
|                                               | 12               | 55          | SMSTBA 2,5/12-G     | <a href="#">17 69 90 0</a> |           |
|                                               | 13               | 60          | SMSTBA 2,5/13-G     | <a href="#">17 69 91 3</a> |           |
|                                               | 14               | 65          | SMSTBA 2,5/14-G     | <a href="#">17 69 92 6</a> |           |
|                                               | 15               | 70          | SMSTBA 2,5/15-G     | <a href="#">17 69 93 9</a> |           |
|                                               | 16               | 75          | SMSTBA 2,5/16-G     | <a href="#">17 69 94 2</a> |           |
|                                               | 17               | 80          | SMSTBA 2,5/17-G     | <a href="#">17 69 95 5</a> |           |
|                                               | 18               | 85          | SMSTBA 2,5/18-G     | <a href="#">17 69 96 8</a> |           |
|                                               | 19               | 90          | SMSTBA 2,5/19-G     | <a href="#">17 69 97 1</a> |           |
|                                               | 20               | 95          | SMSTBA 2,5/20-G     | <a href="#">17 69 98 4</a> |           |
|                                               | 21               | 100         | SMSTBA 2,5/21-G     | <a href="#">17 69 99 7</a> |           |
|                                               | 22               | 105         | SMSTBA 2,5/22-G     | <a href="#">17 67 34 2</a> |           |
|                                               | 23               | 110         | SMSTBA 2,5/23-G     | <a href="#">17 67 35 5</a> |           |
|                                               | 24               | 115         | SMSTBA 2,5/24-G     | <a href="#">17 67 36 8</a> |           |
| <b>Header, 5.08 mm pitch,</b><br>color: green | 2                | 5.08        | SMSTBA 2,5/2-G-5,08 | <a href="#">17 67 37 1</a> | 50        |
|                                               | 3                | 10.16       | SMSTBA 2,5/3-G-5,08 | <a href="#">17 67 38 4</a> |           |
|                                               | 4                | 15.24       | SMSTBA 2,5/4-G-5,08 | <a href="#">17 67 39 7</a> |           |
|                                               | 5                | 20.32       | SMSTBA 2,5/5-G-5,08 | <a href="#">17 67 40 7</a> |           |
|                                               | 6                | 25.40       | SMSTBA 2,5/6-G-5,08 | <a href="#">17 67 41 0</a> |           |
|                                               | 7                | 30.48       | SMSTBA 2,5/7-G-5,08 | <a href="#">17 67 42 3</a> |           |
|                                               | 8                | 35.56       | SMSTBA 2,5/8-G-5,08 | <a href="#">17 67 43 6</a> |           |

|    |        |                      |                            |
|----|--------|----------------------|----------------------------|
| 8  | 35.56  | SMSTBA 2,5/8-G-5,08  | <a href="#">17 67 43 6</a> |
| 9  | 40.64  | SMSTBA 2,5/9-G-5,08  | <a href="#">17 67 44 9</a> |
| 10 | 45.72  | SMSTBA 2,5/10-G-5,08 | <a href="#">17 67 45 2</a> |
| 11 | 50.80  | SMSTBA 2,5/11-G-5,08 | <a href="#">17 67 46 5</a> |
| 12 | 55.88  | SMSTBA 2,5/12-G-5,08 | <a href="#">17 67 47 8</a> |
| 13 | 60.96  | SMSTBA 2,5/13-G-5,08 | <a href="#">17 67 48 1</a> |
| 14 | 66.04  | SMSTBA 2,5/14-G-5,08 | <a href="#">17 67 49 4</a> |
| 15 | 71.12  | SMSTBA 2,5/15-G-5,08 | <a href="#">17 67 50 4</a> |
| 16 | 76.20  | SMSTBA 2,5/16-G-5,08 | <a href="#">17 67 51 7</a> |
| 17 | 81.28  | SMSTBA 2,5/17-G-5,08 | <a href="#">17 67 52 0</a> |
| 18 | 86.36  | SMSTBA 2,5/18-G-5,08 | <a href="#">17 67 53 3</a> |
| 19 | 91.44  | SMSTBA 2,5/19-G-5,08 | <a href="#">17 67 54 6</a> |
| 20 | 96.52  | SMSTBA 2,5/20-G-5,08 | <a href="#">17 67 55 9</a> |
| 21 | 101.60 | SMSTBA 2,5/21-G-5,08 | <a href="#">17 67 56 2</a> |
| 22 | 106.68 | SMSTBA 2,5/22-G-5,08 | <a href="#">17 67 57 5</a> |
| 23 | 111.76 | SMSTBA 2,5/23-G-5,08 | <a href="#">17 67 58 8</a> |
| 24 | 116.84 | SMSTBA 2,5/24-G-5,08 | <a href="#">17 67 59 1</a> |

**Technical data****Dimensions**

see description

|                |             |            |
|----------------|-------------|------------|
| Pitch          | [mm]        | 5.0 / 5.08 |
| Pin dimensions | [mm] x [mm] | 1x1        |
| Hole diameter  | [mm]        | 1.4        |

**Technical data in accordance with IEC / DIN VDE**

|                                              |      |         |         |        |
|----------------------------------------------|------|---------|---------|--------|
| Insulation material group                    | –    | I       |         |        |
| Surge voltage category / contamination class | –/–  | III / 3 | III / 2 | II / 2 |
| Rated voltage                                | [V]  | 320     | 320     | 630    |
| Rated surge voltage                          | [kV] | 4       | 4       | 4      |
| Nominal current                              | [A]  |         | 12      |        |
| Maximum load current per position            | [A]  |         | 12      |        |

**Insulation material**

PA

Inflammability class acc. to UL 94

V2

Temperature indices RTI/Ti

125/100

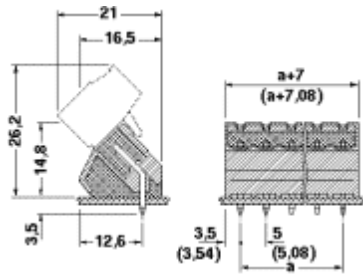
**Approval data (UL and CSA)**

|                                             |                      |              |
|---------------------------------------------|----------------------|--------------|
| Nominal voltage / current / conductor sizes | UL: [V] / [A] / AWG  | 300 / 10 / – |
|                                             | CSA: [V] / [A] / AWG | 300 / 10 / – |

**Articles printed in bold can be delivered at short notice.****Products with black or gray housing available on request.****Note:**

Only actuate COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

**Dimensional drawing**



#### Drilling diagram

