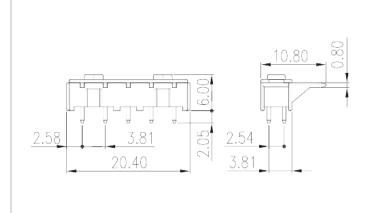


# BST-220-05

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-12-04





The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.

The final product is made according to engineering drawing.

#### **Product Description**

Pitch: 3.81mm, 150V AC/DC, 8A

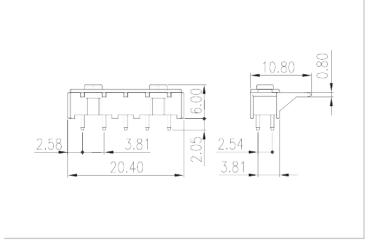
#### General information

| Short description                      | Rail Connector           |
|--|--------------------------|
| Category                               | Rail Connector           |
| Pitch (mm)                             | 3.81                     |
| Color                                  | Black (default)          |
| Type of locking                        | Without                  |
| Soldering method                       | Reflow Soldering (245°C) |
| Length (mm)                            | 20.4                     |
| Width (mm)                             | 6                        |
| Height (mm)                            | 10.8                     |
| Pin demensions (Thickness x Width)(mm) | 0.6x0.6                  |
| PCB hole diameter (mm)                 | 0.9                      |
| Number of positions                    | 05P                      |
| Level                                  | Single level             |
| Connection points                      | 5                        |

#### Material information

| Insulation material                          | HIGH-TEMPERATURE PLASTICS |
|--|---------------------------|
| Insulation material group                    | IIIa                      |
| Flame retardant rating , compliant with UL94 | VO                        |
| Insulation resistance                        | □500MΩ at DC 500V         |
| Conductor material                           | COPPER ALLOY              |
| Plating of conductor surface                 | Au PLATED                 |
| MSL  | 1                         |
| Connection data-IEC                          |                           |
| Rated voltage (V)                            | 320                       |
| Rated current (A)                            | 12                        |
| Rated voltage (II/2)(V)                      | 320                       |
| Rated voltage (III/2) (V)                    | 160                       |
| Rated voltage (III/3)(V)                     | 160                       |
| Rated impulse voltage (II/2)(KV)             | 2.5                       |
| Rated impulse voltage (III/2)(KV)            | 2.5                       |
| Rated impulse voltage (III/3)(KV)            | 2.5                       |
| Connection data-UL                           |                           |
| Rated voltage (UL/CUL Group B)(V)            | 150                       |
| Rated current (UL/CUL Group B)(A)            | 8                         |
| Environment & Safety                         |                           |
| Finger protection (YES or NO)                | YES                       |
| Operating temperature. max (°C)              | 120                       |
| Operating temperature. min (°C)              | -40                       |
| UL Recognized                                |                           |
| Rated voltage (Group B)(V)                   | 150                       |
| Rated current (Group B)(A)                   | 8                         |
| CUL Recognized                               |                           |
| Rated voltage (Group B)(V)                   | 150                       |
| Rated current (Group B)(A)                   | 5                         |

## Drawings



### Approvals





