

### 3.81mm Pitch Plug-in Rising Clamp Terminal

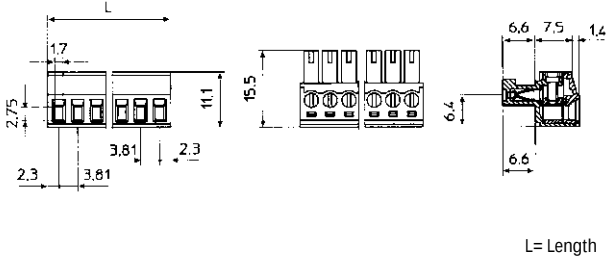
- 2-20 pole solid block
- Plug in
- Closed headers
- Horizontal female plug style
- Polarised mouldings
- Moulded in green UL94-V0 flame retardant PA
- Professional rising clamp terminals
- 1mm<sup>2</sup> cable entry
- CE, RoHS, approved
- Anti solder wicking
- Captive screws
- Guided pin alignment

|                           |                                     |
|---------------------------|-------------------------------------|
| Rating                    | 10A/200V, UL=8A, CUL=8A, IMQ=10A    |
| Dielectric strength       | ≥1.25kV                             |
| Impulse withstand voltage | 2.5kV                               |
| Working temperature       | 110°C                               |
| Moulding                  | UL94-V0 flame retardant PA          |
| Pin/terminal              | Tinned phosphor bronze              |
| Rising clamp              | Nickel copper flash brass           |
| Screw/torque              | M2 steel, zinc, colour plated/0.3Nm |
| Recommended PCB hole size | ø1.2mm                              |

### Female connector



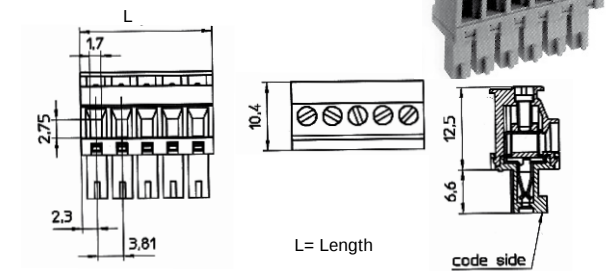
CTB92HE series



| Type No.   | Poles | Length  | Type No.   | Poles | Length  |
|------------|-------|---------|------------|-------|---------|
| CTB92HE/2  | 2     | 8.41mm  | CTB92HE/12 | 12    | 46.51mm |
| CTB92HE/3  | 3     | 12.22mm | CTB92HE/13 | 13    | 50.32mm |
| CTB92HE/4  | 4     | 16.03mm | CTB92HE/14 | 14    | 54.13mm |
| CTB92HE/5  | 5     | 19.84mm | CTB92HE/15 | 15    | 57.94mm |
| CTB92HE/6  | 6     | 23.65mm | CTB92HE/16 | 16    | 61.75mm |
| CTB92HE/7  | 7     | 27.46mm | CTB92HE/17 | 17    | 65.56mm |
| CTB92HE/8  | 8     | 31.27mm | CTB92HE/18 | 18    | 69.37mm |
| CTB92HE/9  | 9     | 35.08mm | CTB92HE/19 | 19    | 73.18mm |
| CTB92HE/10 | 10    | 35.89mm | CTB92HE/20 | 20    | 76.99mm |
| CTB92HE/11 | 11    | 42.70mm |            |       |         |

### Vertical Female connector (standard)

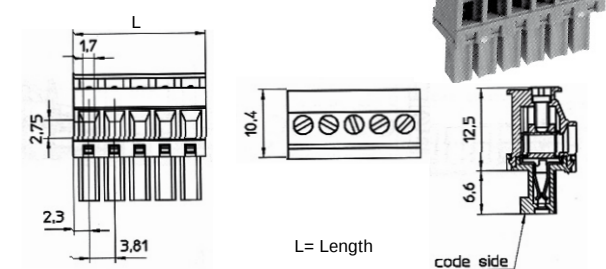
CTB92VE series



| Type No.    | Poles | Length  | Type No.    | Poles | Length  |
|-------------|-------|---------|-------------|-------|---------|
| CTB92VE/2S  | 2     | 8.41mm  | CTB92VE/12S | 12    | 46.51mm |
| CTB92VE/3S  | 3     | 12.22mm | CTB92VE/13S | 13    | 50.32mm |
| CTB92VE/4S  | 4     | 16.03mm | CTB92VE/14S | 14    | 54.13mm |
| CTB92VE/5S  | 5     | 19.84mm | CTB92VE/15S | 15    | 57.94mm |
| CTB92VE/6S  | 6     | 23.65mm | CTB92VE/16S | 16    | 61.75mm |
| CTB92VE/7S  | 7     | 27.46mm | CTB92VE/17S | 17    | 65.56mm |
| CTB92VE/8S  | 8     | 31.27mm | CTB92VE/18S | 18    | 69.37mm |
| CTB92VE/9S  | 9     | 35.08mm | CTB92VE/19S | 19    | 73.18mm |
| CTB92VE/10S | 10    | 35.89mm | CTB92VE/20S | 20    | 76.99mm |
| CTB92VE/11S | 11    | 42.70mm |             |       |         |

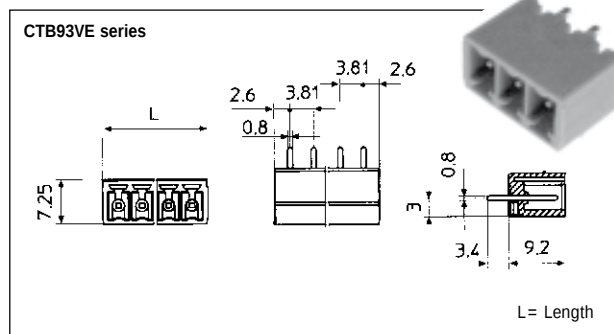
### Vertical Female connector (reversed)

CTB92VE reversed series



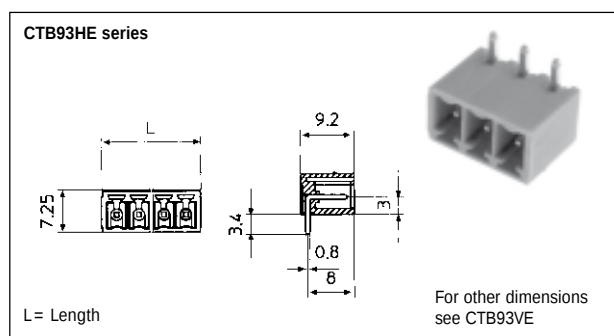
| Type No.    | Poles | Length  | Type No.    | Poles | Length  |
|-------------|-------|---------|-------------|-------|---------|
| CTB92VE/2R  | 2     | 8.41mm  | CTB92VE/12R | 12    | 46.51mm |
| CTB92VE/3R  | 3     | 12.22mm | CTB92VE/13R | 13    | 50.32mm |
| CTB92VE/4R  | 4     | 16.03mm | CTB92VE/14R | 14    | 54.13mm |
| CTB92VE/5R  | 5     | 19.84mm | CTB92VE/15R | 15    | 57.94mm |
| CTB92VE/6R  | 6     | 23.65mm | CTB92VE/16R | 16    | 61.75mm |
| CTB92VE/7R  | 7     | 27.46mm | CTB92VE/17R | 17    | 65.56mm |
| CTB92VE/8R  | 8     | 31.27mm | CTB92VE/18R | 18    | 69.37mm |
| CTB92VE/9R  | 9     | 35.08mm | CTB92VE/19R | 19    | 73.18mm |
| CTB92VE/10R | 10    | 35.89mm | CTB92VE/20R | 20    | 76.99mm |
| CTB92VE/11R | 11    | 42.70mm |             |       |         |

## PCB mounting male vertical (closed ended)



| Type No.   | Poles | Length  | Type No.   | Poles | Length  |
|------------|-------|---------|------------|-------|---------|
| CTB93VE/2  | 2     | 9.01mm  | CTB93V/12  | 12    | 47.11mm |
| CTB93VE/3  | 3     | 12.82mm | CTB93V/13  | 13    | 50.92mm |
| CTB93VE/4  | 4     | 16.63mm | CTB93V/14  | 14    | 54.73mm |
| CTB93VE/5  | 5     | 20.44mm | CTB93VE/15 | 15    | 58.54mm |
| CTB93VE/6  | 6     | 24.25mm | CTB93V/16  | 16    | 62.35mm |
| CTB93VE/7  | 7     | 28.06mm | CTB93VE/17 | 17    | 66.16mm |
| CTB93VE/8  | 8     | 31.87mm | CTB93V/18  | 18    | 69.97mm |
| CTB93VE/9  | 9     | 35.68mm | CTB93VE/19 | 19    | 73.78mm |
| CTB93VE/10 | 10    | 39.49mm | CTB93V/20  | 20    | 77.59mm |
| CTB93VE/11 | 11    | 43.30mm |            |       |         |

## PCB mounting male horizontal (closed ended)



| Type No.   | Poles | Length  | Type No.   | Poles | Length  |
|------------|-------|---------|------------|-------|---------|
| CTB93HE/2  | 2     | 9.01mm  | CTB93HE/12 | 12    | 47.11mm |
| CTB93HE/3  | 3     | 12.82mm | CTB93HE/13 | 13    | 50.92mm |
| CTB93HE/4  | 4     | 16.63mm | CTB93HE/14 | 14    | 54.73mm |
| CTB93HE/5  | 5     | 20.44mm | CTB93HE/15 | 15    | 58.54mm |
| CTB93HE/6  | 6     | 24.25mm | CTB93HE/16 | 16    | 62.35mm |
| CTB93HE/7  | 7     | 28.06mm | CTB93HE/17 | 17    | 66.16mm |
| CTB93HE/8  | 8     | 31.87mm | CTB93HE/18 | 18    | 69.97mm |
| CTB93HE/9  | 9     | 35.68mm | CTB93HE/19 | 19    | 73.78mm |
| CTB93HE/10 | 10    | 39.49mm | CTB93HE/20 | 20    | 77.59mm |
| CTB93HE/11 | 11    | 43.30mm |            |       |         |

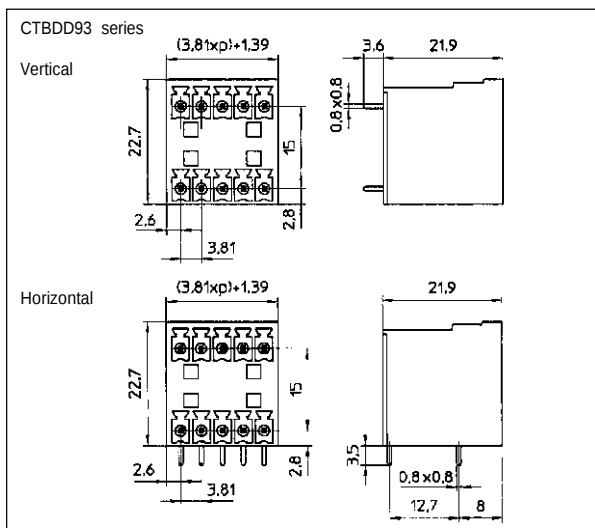
## 3.81mm Pitch PCB Mounting Male Double Decker

- Space saving
- Double Deck
- 4-24 pole solid block
- Closed ends
- Coding keys available
- Moulded from green flame retardant UL94 - V0 PA



| 3.81 pitch Vertical | Type No. | Poles | Length  |
|---------------------|----------|-------|---------|
| CTBDD93VE/2         | 4        |       | 9.01mm  |
| CTBDD93VE/3         | 6        |       | 12.82mm |
| CTBDD93VE/4         | 8        |       | 16.63mm |
| CTBDD93VE/5         | 10       |       | 20.44mm |
| CTBDD93VE/6         | 12       |       | 24.25mm |
| CTBDD93VE/7         | 14       |       | 28.06mm |
| CTBDD93VE/8         | 16       |       | 31.87mm |
| CTBDD93VE/9         | 18       |       | 35.68mm |
| CTBDD93VE/10        | 20       |       | 39.49mm |
| CTBDD93VE/11        | 22       |       | 43.30mm |
| CTBDD93VE/12        | 24       |       | 47.11mm |

| 3.81 pitch Horizontal | Type No. | Poles | Length  |
|-----------------------|----------|-------|---------|
| CTBDD93HE/2           | 4        |       | 9.01mm  |
| CTBDD93HE/3           | 6        |       | 12.82mm |
| CTBDD93HE/4           | 8        |       | 16.63mm |
| CTBDD93HE/5           | 10       |       | 20.44mm |
| CTBDD93HE/6           | 12       |       | 24.25mm |
| CTBDD93HE/7           | 14       |       | 28.06mm |
| CTBDD93HE/8           | 16       |       | 31.87mm |
| CTBDD93HE/9           | 18       |       | 35.68mm |
| CTBDD93HE/10          | 20       |       | 39.49mm |
| CTBDD93HE/11          | 22       |       | 43.30mm |
| CTBDD93HE/12          | 24       |       | 47.11mm |



|                           |                            |
|---------------------------|----------------------------|
| Rating                    | 10A/200V, (UL 8A/300V)     |
| Dielectric strength       | ≥1.25kV                    |
| Impulse withstand voltage | 2.5kV                      |
| Working temperature       | 110°C                      |
| Moulding                  | UL94-V0 flame retardant PA |
| Pin/terminal              | Tinned nickel plated brass |
| Recommended PCB hole size | ø1.4mm                     |