

# PCB TERMINAL BLOCKS

## 5mm Pitch Pluggable for Vertical or 90° mounting Screw Terminal

- 2-12 pole interlocking
- Pluggable via header pins
- Test probe facility
- Dual horizontal or vertical mounting
- Moulded in black UL94-V0 flame retardant PA66
- Wire protector terminals
- 0.8-1.5mm<sup>2</sup> (28-16AWG) solid & stranded cable
- Captive screws
- CE approved

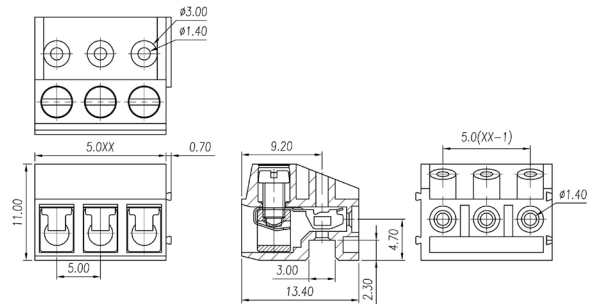
CTBA1301



| TYPE NO.     | POLES | LENGTH |
|--------------|-------|--------|
| CTBA1301/2A  | 2     | 10mm   |
| CTBA1301/3A  | 3     | 15mm   |
| CTBA1301/4A  | 4     | 20mm   |
| CTBA1301/5A  | 5     | 25mm   |
| CTBA1301/6A  | 6     | 30mm   |
| CTBA1301/7A  | 7     | 35mm   |
| CTBA1301/8A  | 8     | 40mm   |
| CTBA1301/9A  | 9     | 45mm   |
| CTBA1301/10A | 10    | 50mm   |
| CTBA1301/11A | 11    | 55mm   |
| CTBA1301/12A | 12    | 60mm   |

### SPECIFICATION

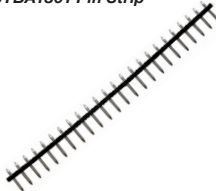
|                     |                                 |
|---------------------|---------------------------------|
| Rating              | 10A/300V                        |
| Dielectric strength | 2.5kV/60 sec                    |
| Working temperature | -40°C to 105°C                  |
| Moulding            | UL94-V0 flame retardant PA66    |
| Wire protector      | Phosphor bronze, nickel plated  |
| Terminal            | Brass nickel plated             |
| Screw/torque        | M2.5 steel nickel plated, 0.4Nm |



## 5mm Pitch 24 Pin Strip Header

- Supplied in 24 way
- Easily cut to required length
- Can be supplied pre-cut
- Flame retardant PBT material
- Anti solder wicking
- Guided pin alignment
- Single pin available (CTBA1301P)

CTBA1301 Pin Strip



| TYPE NO.      | POLES            |
|---------------|------------------|
| CTBA1301P     | 1 Pin            |
| CTBA1301/PS24 | 24 way Pin strip |

### SPECIFICATION

|                            |                             |
|----------------------------|-----------------------------|
| Rating                     | 10A/300V                    |
| Insulation withstands volt | 2000V min                   |
| Insulation resistance      | 2000MΩ                      |
| Working temperature        | -30°C to +120°C             |
| Soldering condition        | 250°C/ 5 seconds            |
| Moulding                   | UL94-V0 flame retardant PBT |
| Pins                       | Tinned 3-5µm, brass         |
| Recommended PCB hole size  | ø1.5mm                      |

### Recommended PCB Layout

