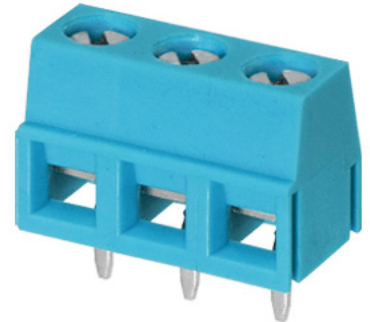


SERIES: TB006-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- horizontal with board
- interlocking (side)
- 5.08 mm pitch
- UL and CE safety approvals

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------------|---|-----|------|------|-------|
| rated voltage (per contact) | UL | | | 300 | V |
| | IEC | | | 250 | V |
| rated current (per contact) | UL | | | 12 | A |
| | IEC | | | 15 | A |
| withstanding voltage | | | 2000 | | Vac |
| surge voltage | | | | 4000 | V |
| contact resistance | | | | 20 | mΩ |
| insulation resistance | at 500 Vdc | 500 | | | MΩ |
| operating temperature | | -40 | | 105 | °C |
| safety approvals | UL 1059, EN 60998-1:2004, EN 60998-2-1:2004 | | | | |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 10 seconds | 345 | 350 | 355 | °C |
| wave soldering | for maximum 5 seconds | 255 | 260 | 265 | °C |

PART NUMBER KEY**TB006-508 - X XX XX**

Base Number

Screw Type:
"blank" = Slot
P = Phillips

No. of Poles:

| | | |
|----|----|----|
| 02 | 10 | 18 |
| 03 | 11 | 19 |
| 04 | 12 | 20 |
| 05 | 13 | 21 |
| 06 | 14 | 22 |
| 07 | 15 | 23 |
| 08 | 16 | 24 |
| 09 | 17 | |

Color:

| | |
|-----|----------|
| *BE | = blue |
| GR | = green |
| OR | = orange |
| YL | = yellow |
| GY | = gray |
| BK | = black |

*Standard housing color is blue. All other colors are subject to higher MOQ. Please inquire with CUI Devices sales for details.

REVISION HISTORY

| rev. | description | date |
|------|-------------------|------------|
| 1.0 | initial release | 03/13/2019 |
| 1.01 | brand update | 02/06/2020 |
| 1.02 | updated datasheet | 04/20/2020 |

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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