

**SERIES:** TB008A-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

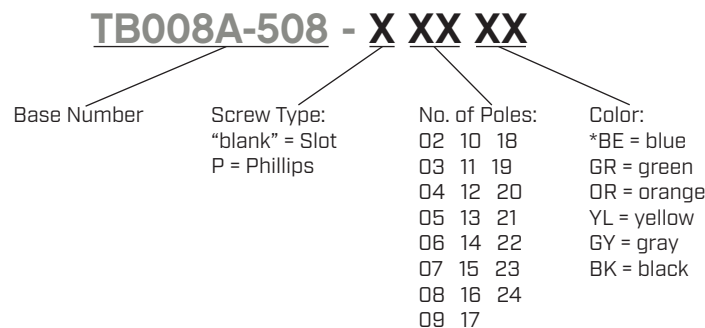
- 2~24 poles
- 45° with board
- interlocking (side)
- 5.08 mm pitch
- UL and CE safety approvals

**SPECIFICATIONS**

| parameter                   | conditions/description                      | min | typ  | max  | units |
|-----------------------------|---------------------------------------------|-----|------|------|-------|
| rated voltage (per contact) | UL                                          |     |      | 300  | V     |
|                             | IEC                                         |     |      | 250  | V     |
| rated current (per contact) | UL                                          |     |      | 16   | A     |
|                             | IEC                                         |     |      | 24   | A     |
| withstanding voltage        |                                             |     | 2500 |      | 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**

\*Standard housing color is blue. All other colors are subject to higher MOQ. Please inquire with Same Sky 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 |
| 1.03 | logo, datasheet style update      | 08/15/2022 |
| 1.04 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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



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

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