

## Series A5000 &amp; Series CB5000

## Single Row Terminal Blocks

## SPECIFICATIONS

Rating: 10A, 300V\*

Center Spacing: 0.250" (6.35mm)

Wire Range: #18-30 AWG Cu

Screw Size: #3-48 zinc-plated phillslot SEMS screws, wire-ready standard

Torque Rating: 4 lb-in.

Distance Between Barriers: 0.20" (5.08mm)

Recommended PCB Hole Diameter: 0.062" (1.57mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V rms

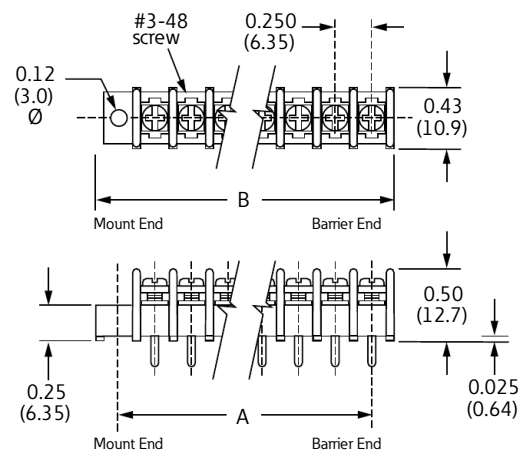
Agency Information: UL File E62622; CE Certified

\* Max. rating shown; some options may be rated lower – consult factory.

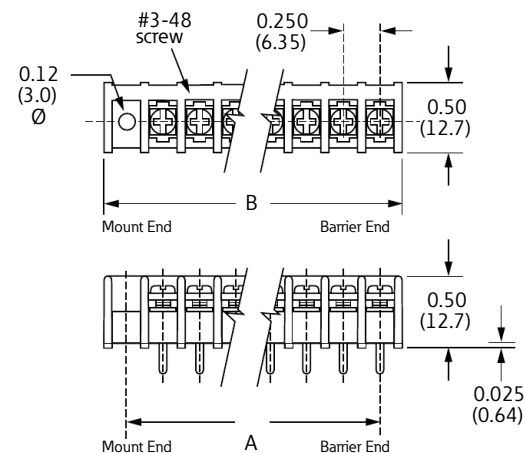


## Dimensions - in (mm)

## A5000 Series



## CB5000 Series



\* Dimensions in inches. To convert to millimeters, multiply by 25.4.

| Poles | MOUNTING ENDS            |                        | BARRIER ENDS         |                        |
|-------|--------------------------|------------------------|----------------------|------------------------|
|       | A<br>Mounting<br>Centers | B<br>Overall<br>Length | A<br>Pole<br>Centers | B<br>Overall<br>Length |
| 02    | 0.75                     | 1.06                   | 0.25                 | 0.56                   |
| 03    | 1.00                     | 1.31                   | 0.50                 | 0.81                   |
| 04    | 1.25                     | 1.56                   | 0.75                 | 1.06                   |
| 05    | 1.50                     | 1.81                   | 1.00                 | 1.31                   |
| 06    | 1.75                     | 2.06                   | 1.25                 | 1.56                   |
| 07    | 2.00                     | 2.31                   | 1.50                 | 1.81                   |
| 08    | 2.25                     | 2.56                   | 1.75                 | 2.06                   |
| 09    | 2.50                     | 2.81                   | 2.00                 | 2.31                   |
| 10    | 2.75                     | 3.06                   | 2.25                 | 2.56                   |
| 11    | 3.00                     | 3.31                   | 2.50                 | 2.81                   |
| 12    | 3.25                     | 3.56                   | 2.75                 | 3.06                   |
| 13    | 3.50                     | 3.81                   | 3.00                 | 3.31                   |
| 14    | 3.75                     | 4.06                   | 3.25                 | 3.56                   |
| 15    | 4.00                     | 4.31                   | 3.50                 | 3.81                   |
| 16    | 4.25                     | 4.56                   | 3.75                 | 4.06                   |
| 17    | 4.50                     | 4.81                   | 4.00                 | 4.31                   |
| 18    | 4.75                     | 5.06                   | 4.25                 | 4.56                   |
| 19    | 5.00                     | 5.31                   | 4.50                 | 4.81                   |
| 20    | 5.25                     | 5.56                   | 4.75                 | 5.06                   |
| 21    | 5.50                     | 5.81                   | 5.00                 | 5.31                   |
| 22    | 5.75                     | 6.06                   | 5.25                 | 5.56                   |
| 23    | 6.00                     | 6.31                   | 5.50                 | 5.81                   |
| 24    | 6.25                     | 6.56                   | 5.75                 | 6.06                   |
| 25    | 6.50                     | 6.81                   | 6.00                 | 6.31                   |
| 26    | 6.75                     | 7.06                   | 6.25                 | 6.56                   |
| 27    | 7.00                     | 7.31                   | 6.50                 | 6.81                   |
| 28    | 7.25                     | 7.56                   | 6.75                 | 7.06                   |
| 29    | —                        | —                      | 7.00                 | 7.31                   |
| 30    | —                        | —                      | 7.25                 | 7.56                   |

## Part Numbering System

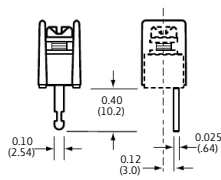
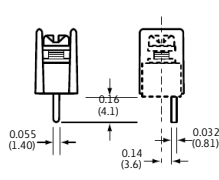
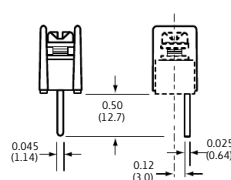
| Terminal Style          | Base/End                                                                            | Poles                                          | Screw Options                                        | Options                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A5</b><br><b>CB5</b> | <b>01*</b> - handwired<br><b>02</b> - printed circuit<br><b>04</b> - wire wrap tail | <b>1</b> - mount end<br><b>2</b> - barrier end | <b>02 to 30</b><br><b>02 to 28</b> on mount end base | <b>07</b> - steel SEMS std. wire ready<br><b>C1 to C8</b> - 0.110" QC<br><b>L1 to L6</b> marking options (pg 26)<br><b>MP</b> - mounting plate 0.120" dia<br><b>OJ**</b> - over barrier jumper<br>**Contact factory for configuration |

\*Only available with mount

end base style on A5 Series

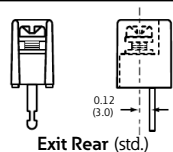
## Terminal Styles

Inches (Millimeters)

01  
Handwired02  
Circuit Board04  
Wire Wrap Tail

## CB5 Terminal Exit Options

Inches (Millimeters)



Exit Rear (std.)

## Screw Options Wire ready screws standard on all terminal styles

(Bulk ordering part numbers are in parentheses)

07  
Steel SEMS  
Zinc-Plated  
(B001-7035-J)07  
Standard  
Wire Ready

## Hardware Options (Bulk ordering part numbers are in parentheses)

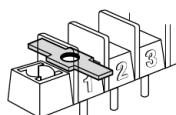
Inches (Millimeters)

## Jumpers

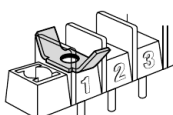


OJ (OJ12-J)

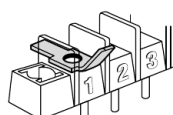
## Quick Connects Blade Width 0.110" (For other orientations, contact factory.)



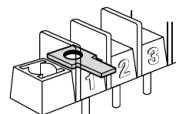
C1 (5C1-J)\*



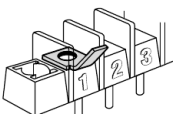
C2 (5C2-J)\*



C4 (5C4-J)\*



C7 (5C7-J)



C8 (5C8-J)

\* N/A on CB5 Series.