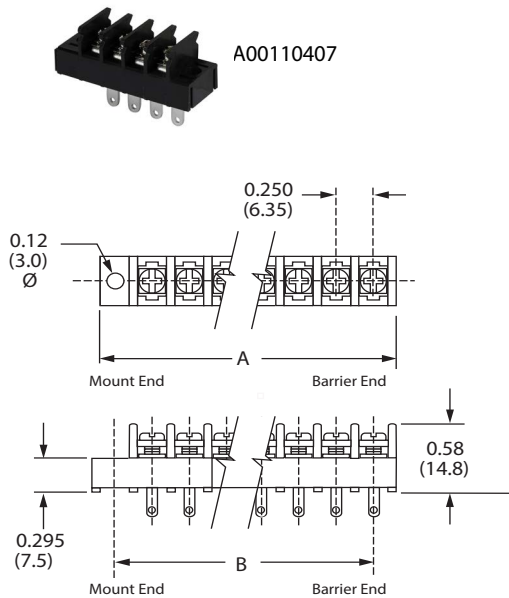


## Single Row Terminal Blocks

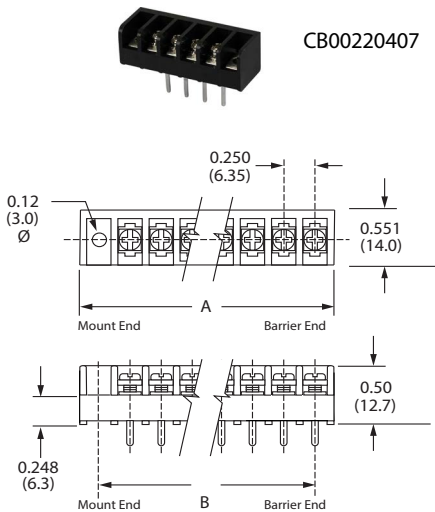
# A0 & CB0

### Dimensions- Inches (Millimeters)

#### A0



#### CB0



### Specifications

**Rating:** 10 A, 300 V

**Center Spacing:** 0.25" (6.35 mm)

**Wire Range:** #16-30 AWG

**Screw Size:** M3.0 nickel-plated steel SEMS

**Torque Rating:** 10 lb-in.

**Recommended PCB Hole Diameter:** 1.6 mm - 1.8 mm

**Operating Temperature:** -40 °C to +120 °C

**Body Material:** Polyamide 66, UL94 V-0, Black

**Terminal Material:** Brass, tin plated

**Breakdown Voltage:** 2000 V

**Agency Information:** UL file E62622

#### MOUNTING ENDS

#### BARRIER ENDS

| Poles | A Length | B Mount Centers | A Length | B End Pole Centers |
|-------|----------|-----------------|----------|--------------------|
| 02    | 1.04     | 0.79            | 0.54     | 0.25               |
| 03    | 1.29     | 1.04            | 0.79     | 0.50               |
| 04    | 1.54     | 1.29            | 1.04     | 0.75               |
| 05    | 1.79     | 1.54            | 1.29     | 1.00               |
| 06    | 2.04     | 1.79            | 1.54     | 1.25               |
| 07    | 2.29     | 2.04            | 1.79     | 1.50               |
| 08    | 2.54     | 2.29            | 2.04     | 1.75               |
| 09    | 2.79     | 2.54            | 2.29     | 2.00               |
| 10    | 3.04     | 2.79            | 2.54     | 2.25               |
| 11    | 3.29     | 3.04            | 2.79     | 2.50               |
| 12    | 3.54     | 3.29            | 3.04     | 2.75               |
| 13    | 3.79     | 3.54            | 3.29     | 3.00               |
| 14    | 4.04     | 3.79            | 3.54     | 3.25               |
| 15    | 4.29     | 4.04            | 3.79     | 3.50               |
| 16    | 4.54     | 4.29            | 4.04     | 3.75               |
| 17    | 4.79     | 4.54            | 4.29     | 4.00               |
| 18    | 5.04     | 4.79            | 4.54     | 4.25               |
| 19    | 5.29     | 5.04            | 4.79     | 4.50               |
| 20    | 5.54     | 5.29            | 5.04     | 4.75               |
| 21    | 5.79     | 5.54            | 5.29     | 5.00               |
| 22    | 6.04     | 5.79            | 5.54     | 5.25               |
| 23    | 6.29     | 6.04            | 5.79     | 5.50               |
| 24    | 6.54     | 6.29            | 6.04     | 5.75               |
| 25    | 6.79     | 6.54            | 6.29     | 6.00               |
| 26    | 7.04     | 6.79            | 6.54     | 6.25               |
| 27    | 7.29     | 7.04            | 6.79     | 6.50               |
| 28    | 7.54     | 7.29            | 7.04     | 6.75               |
| 29    | 7.79     | 7.54            | 7.29     | 7.00               |
| 30    | 8.04     | 7.79            | 7.54     | 7.25               |

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

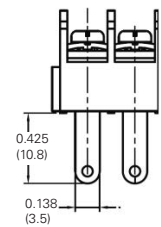
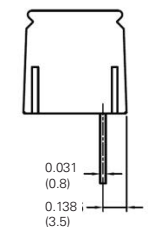
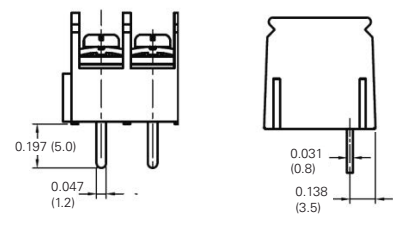


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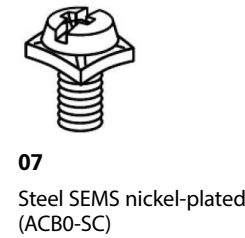
Part Numbering System

| Family                                                               | Terminal Style                                                                   | Base/End                                                   | Poles                                         | Screw Options                                                         | Options                                                                                                             |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <div><div>A</div><div>0</div></div><br>A0 - standard barrier         | <div><div></div><div></div></div><br>01 - handwired<br>02 - printed circuit      | <div><div></div></div><br>1 - mount end<br>2 - barrier end | <div><div></div><div></div></div><br>02 to 30 | <div><div>0</div><div>7</div></div><br>07- steel SEMS<br>fully seated | <div><div></div><div></div></div><br>C1 to C8 - 0.110" QC<br>L1 to L6 marking<br>options (pg 25)<br>Covers- (pg 26) |
| <div><div>C</div><div>B</div><div>0</div></div><br>CB0 - closed back | <div><div></div><div></div></div><br>02 - printed circuit<br>04 - wire wrap tail | <div><div></div></div><br>1 - mount end<br>2 - barrier end | <div><div></div><div></div></div><br>02 to 30 | <div><div>0</div><div>7</div></div><br>07- steel SEMS<br>fully seated | <div><div></div><div></div></div><br>C1 to C8 - 0.110" QC<br>L1 to L6 marking<br>options (pg 25)                    |

Terminal Styles- Inches(Millimeters)

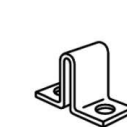
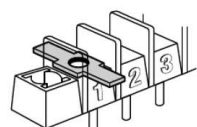
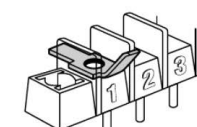
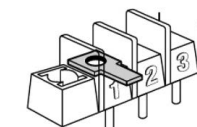
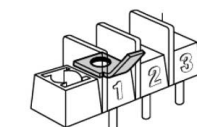
|                                                                                                             |                                                                                                                  |                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <br><b>01</b><br>Handwired | <br><b>02</b><br>Circuit Board | <br><b>04</b><br>Wire Wrap Tail |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|

Screw Options  
(Bulk ordering part numbers are in parentheses)



Hardware Options

(Bulk ordering part numbers are in parentheses)

| Jumpers                                                                                                  | Quick Connects Blade Width 0.110" (For other orientations, contact factory)                              |                                                                                                          |                                                                                                          |                                                                                                            |                                                                                                            |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <br><b>OJ (0J12-J)</b> | <br><b>C1 (5C1-J)</b> | <br><b>C2 (5C2-J)</b> | <br><b>C4 (5C4-J)</b> | <br><b>C7 (5C7-J)</b> | <br><b>C8 (5C8-J)</b> |

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## Tools

### Eaton's Electronics Product Selection Tools



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#### IC MATCHING

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#### CROSS REFERENCE

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