

## Series A5000 & Series CB5000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** 10A, 300V\*

**Center Spacing:** .250" (6.35 mm)

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

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

**Torque Rating:** 4 in-lbs.

**Distance Between Barriers:** .20" (5.08 mm)

**Recommended PCB Hole Diameter:** .062" (1.57 mm)

**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/CSA; CE Certified

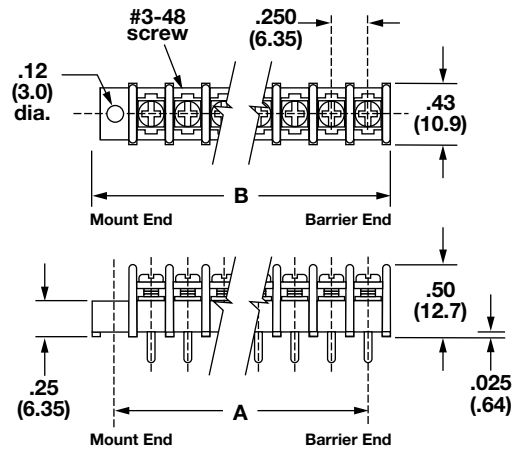
\* Max. rating shown; some options may be rated lower – consult factory.



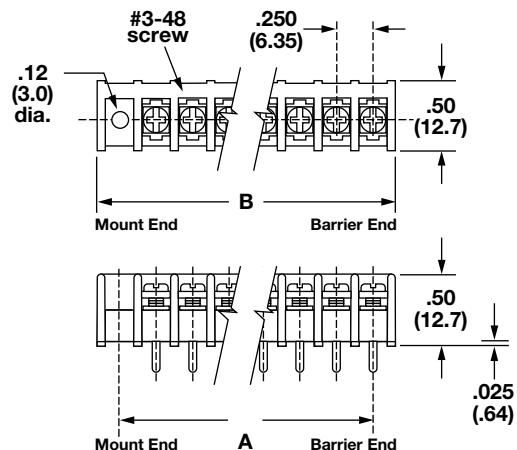
Poles	MOUNTING ENDS		BARRIER ENDS	
	A Mount Centers	B Overall Length	A Pole Centers	B Overall Length
02	.75	1.06	.25	.56
03	1.00	1.31	.50	.81
04	1.25	1.56	.75	1.06
05	1.50	1.81	1.00	1.31
06	1.75	2.06	1.25	1.56
07	2.00	2.31	1.50	1.81
08	2.25	2.56	1.75	2.06
09	2.50	2.81	2.00	2.31
10	2.75	3.06	2.25	2.56
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

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

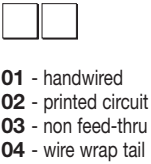
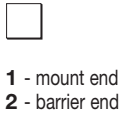
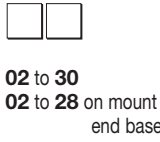


#### A5000 Series



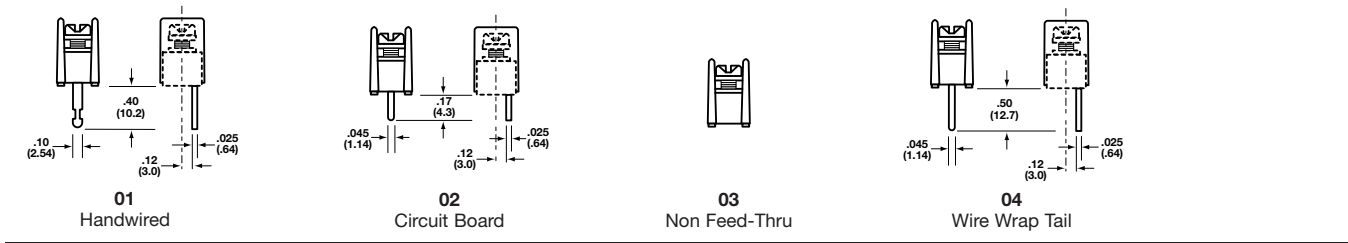
#### CB5000 Series



## Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A5</b> <b>CB5</b>					
<b>A5</b> - standard barrier <b>CB5</b> - closed barrier	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail	<b>1</b> - mount end <b>2</b> - barrier end	<b>02 to 30</b> <b>02 to 28</b> on mount end base	<b>07</b> - steel SEMS std. wire ready	<b>C1 to C8</b> - .110" QC <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (CB5 only-pg 22) <b>OJ</b> - over barrier jumper <b>S1</b> - single solder lug/flat <b>S2</b> - double solder lug/flat (A5 only)

## Terminal Styles



## CB5 Terminal Exit Options



## Screw Options

Wire ready screws standard on all terminal styles



**07**  
Steel SEMS  
Zinc Plated



**07**  
Standard  
Wire Ready

## Hardware Options

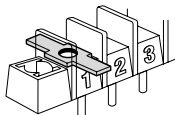
(Bulk ordering part numbers are in parentheses.)

### Jumpers

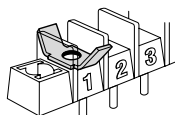


**OJ12**

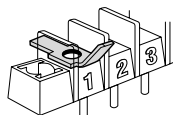
### Quick Connects Blade Width .110" (For other orientations, contact factory.)



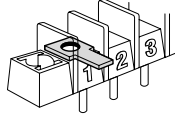
**C1 (5C1) \***



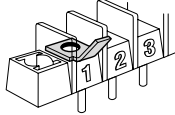
**C2 (5C2) \***



**C4 (5C4) \***



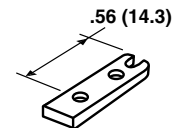
**C7 (5C7)**



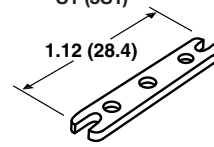
**C8 (5C8)**

\* N/A on CB5 Series.

### Solder Lugs



**S1 (5S1)**



**S2 (5S2)**

## Series A1000 & Series CB1000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** 20A, 150V

**Center Spacing:** .325" (8.26 mm)

**Wire Range:** #14-22 AWG CU

**Screw Size:** #6-32 zinc plated phillslot wire-ready screws with a #2 driving recess.

**Torque Rating:** 9 in-lb.

**Base:** Standoffs are standard on CB1000 Series for easy flux washing.

**Distance Between Barriers:** .26" (6.6 mm)

**Recommended PCB Hole Diameter:** .070" (1.78 mm)

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

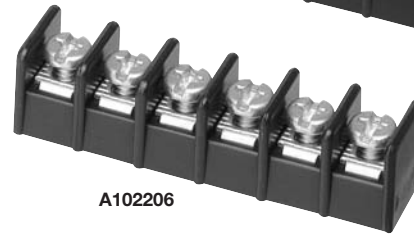
**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Breakdown Voltage:** 1600V

**Agency Information:** UL/CSA; IEC Compliance; CE Certified



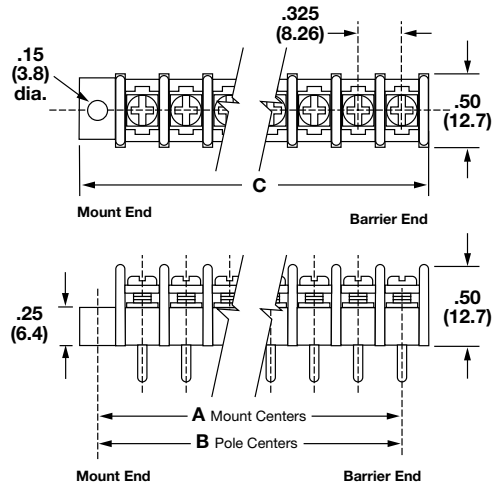
CB10210707



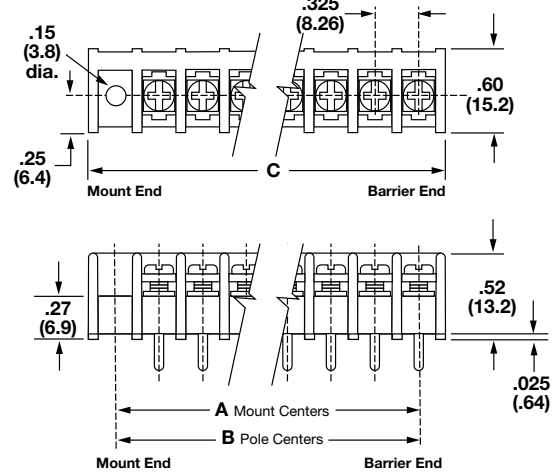
A102206

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	.98	1.37	.33	.72
03	1.30	1.69	.65	1.04
04	1.63	2.02	.98	1.37
05	1.95	2.34	1.30	1.69
06	2.28	2.67	1.63	2.02
07	2.60	2.99	1.95	2.34
08	2.93	3.32	2.28	2.67
09	3.25	3.64	2.60	2.99
10	3.58	3.97	2.93	3.32
11	3.90	4.29	3.25	3.64
12	4.23	4.62	3.58	3.97
13	4.55	4.94	3.90	4.29
14	4.88	5.27	4.23	4.62
15	5.20	5.59	4.55	4.94
16	5.53	5.92	4.88	5.27
17	5.85	6.24	5.20	5.59
18	6.18	6.57	5.53	5.92
19	6.50	6.89	5.85	6.24
20	6.83	7.22	6.18	6.57
21	7.15	7.54	6.50	6.89
22	7.48	7.87	6.83	7.22
23	7.80	8.19	7.15	7.54
24	8.13	8.52	7.48	7.87
25	8.45	8.84	7.80	8.19
26	8.78	9.17	8.13	8.52
27	9.10	9.49	8.45	8.84
28	9.43	9.82	8.78	9.17
29	9.75	10.14	9.10	9.49
30	10.08	10.47	9.43	9.82
31	10.40	10.79	9.75	10.14
32	10.73	11.12	10.08	10.47
33	11.05	11.44	10.40	10.79
34	11.38	11.77	10.73	11.12
35			11.05	11.44
36			11.38	11.77

#### A1000 Series



#### CB1000 Series



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

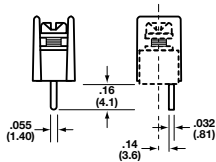
## Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A1</b>					
<b>CB1</b>					
<b>A1 - standard barrier</b>	<b>02 - printed circuit</b>	<b>1 - mount end</b>	<b>02 to 36</b>	<b>Blank - std. screws</b>	<b>AB &amp; DR - angle mts. (A1 only-pg 5)</b>
<b>CB1 - closed barrier</b>	<b>03 - non feed-thru</b>	<b>2 - barrier end</b>	<b>02 to 34 on mount end base</b>	<b>03 - stainless steel</b>	<b>B1 to B9 - .187" QC (all positions)</b>
	<b>04 - wire wrap tail</b>			<b>04 - nickel brass</b>	<b>EB - exit back terminals on CB1 w/07 screw option only</b>
	<b>07 - extended pin</b>			<b>07 - steel SEMS &amp; washer (not available with hardware options)</b>	<b>JA, JB &amp; JC - barrier jumpers</b>
				<b>CA - standard captive screw</b>	<b>L1 to L6 marking options (pg 22)</b>
				<b>07CA - SEMS captive</b>	<b>LT1 to LT6 marking options (CB1 only-pg 22)</b>
					<b>MP &amp; MT - mounting plates (pg 5)</b>
					<b>R26 &amp; R45 - right angle bends (A1 only-pg 5)</b>

Covers - (pg 23)

## Terminal Styles

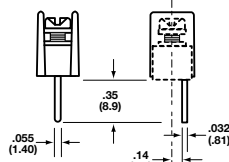
Inches (Millimeters)



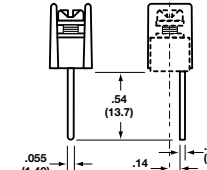
**02**  
Printed Circuit



**03**  
Non Feed-Thru



**04**  
Wire Wrap Tail



**07**  
Extended Pin

## Screw Options

Wire ready screws standard on all terminal styles



**Standard**  
Zinc Plated Steel



**03**  
Stainless Steel



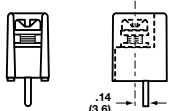
**04**  
Brass Nickel Plated



**07**  
Steel SEMS Zinc Plated

## CB1 Terminal Exit Options

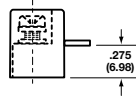
Inches (Millimeters)



Exit Rear (std.)



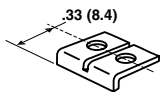
**EB**  
Exit Back



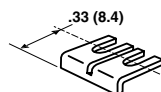
## Hardware Options

(Bulk ordering part numbers are in parentheses.)

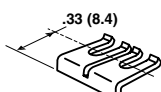
### Jumpers



**JA (JA1-XX)**



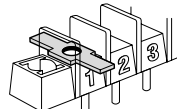
**JB (JB1-XX)**



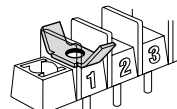
**JC (JC1-XX)**

### Quick Connects

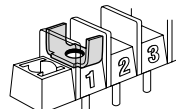
Blade Width B = .187". (For other orientations, contact factory.)



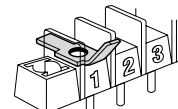
**B1 (1B1) \***



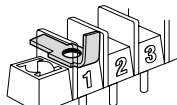
**B2 (1B2) \***



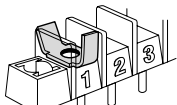
**B3 (1B3) \***



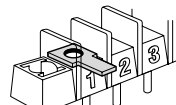
**B4 (1B4) \***



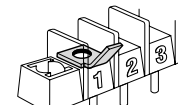
**B5 (1B5) \***



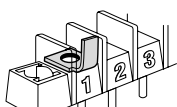
**B6 (1B6) \***



**B7 (1B7)**



**B8 (1B8)**



**B9 (1B9)**

\* N/A on CB1 Series.

## Series A1000 & CB1000

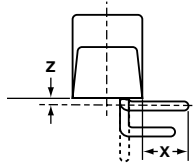
### Single Row Terminal Blocks

## Mounting Options

Inches (Millimeters)

### Right Angle Bends (A1 only)

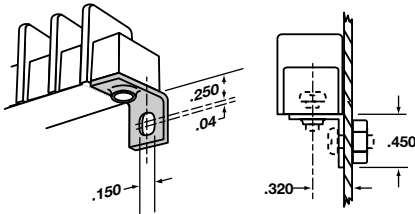
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.



Bend Option Code	X (minimum)	Z
R26 (04 terminal only)	.14	.09
R45 (07 terminal only)	.33	.09

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

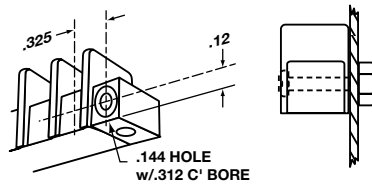
### Angle Brackets (A1 only)



#### Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **1AB**.

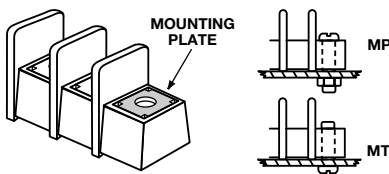
### Drilled Right Angle (A1 only)



#### Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

### Mounting Plates



#### Options MP & MT

**MP** Metal inserts with .150" dia. hole accept #6 screw. **MT** Metal inserts with tapped hole accept #6-32 screw. Bulk Part Nos. **1MP & 1MT**.

## Series A2000, LP2000 & CB2000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** A2: 30A, 300V\*

LP2: 30A, 150V\*

CB2: 30A, 300V\*

**Center Spacing:** .375" or 3/8" (9.52 mm)

**Wire Range:** #12-22 AWG CU

**Screw Size:** #6-32 zinc plated phillslot

**Torque Rating:** 9 in.-lb.

**Base:** Standoffs standard for easy flux washing

**Distance Between Barriers:** .32" (8.1 mm)

**Recommended PCB Hole Diameter:** .076" (1.93 mm)

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

**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Breakdown Voltage:** 3400V (A2 & LP2); 4100V (CB2).

**Agency Information:** UL/CSA; IEC Compliance;

CE Certified

\*30A Rating achieved with a #10 copper wire crimped to a ring terminal.;  
20A Rating without ring terminal.

A20510807WR

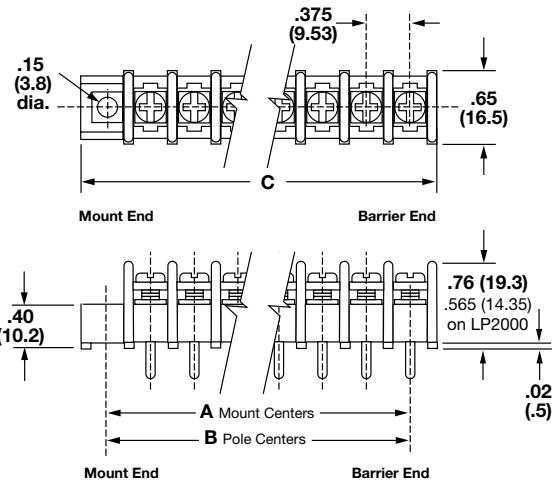


LP202110

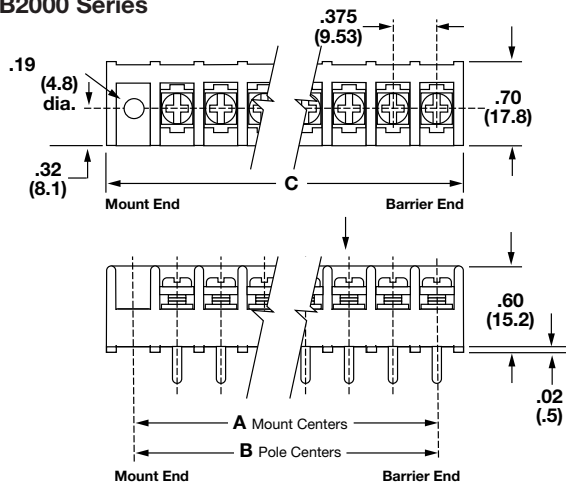


CB20210507

#### A2000 & LP2000 Series



#### CB2000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.13	1.56	.38	.81
03	1.50	1.93	.75	1.18
04	1.88	2.30	1.13	1.56
05	2.25	2.68	1.50	1.93
06	2.63	3.06	1.88	2.31
07	3.00	3.43	2.25	2.68
08	3.38	3.81	2.63	3.06
09	3.75	4.18	3.00	3.43
10	4.13	4.56	3.38	3.81
11	4.50	4.93	3.75	4.18
12	4.88	5.31	4.13	4.56
13	5.25	5.69	4.50	4.93
14	5.63	6.06	4.88	5.31
15	6.00	6.43	5.25	5.68
16	6.38	6.81	5.63	6.06
17	6.75	7.18	6.00	6.43
18	7.13	7.56	6.38	6.81
19	7.50	7.93	6.75	7.18
20	7.88	8.31	7.13	7.56
21	8.25	8.68	7.50	7.93
22	8.63	9.06	7.88	8.31
23	9.00	9.43	8.25	8.68
24	9.38	9.81	8.63	9.06
25	9.75	10.18	9.00	9.43
26	10.13	10.56	9.38	9.81
27	10.50	10.93	9.75	10.18
28	10.88	11.31	10.13	10.55
29	11.25	11.68	10.50	10.93
30	11.63	12.05	10.88	11.31
31			11.25	11.68
32			11.63	12.05

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

## Series A2000 & LP2000

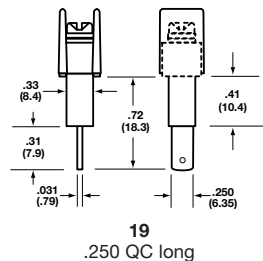
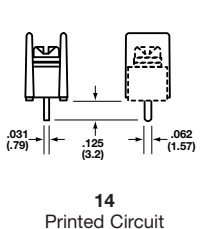
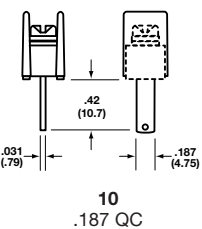
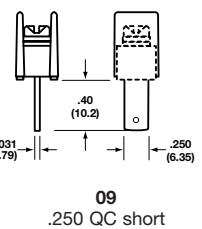
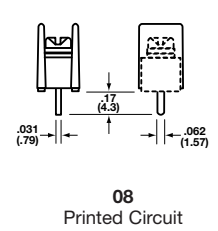
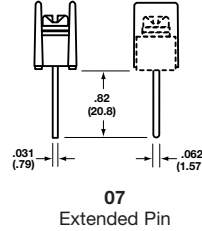
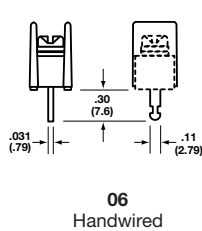
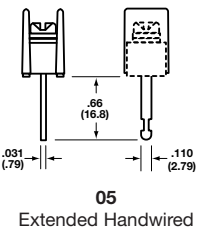
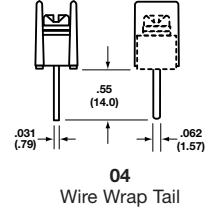
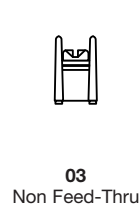
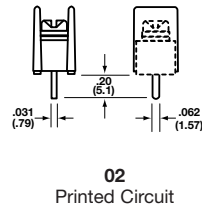
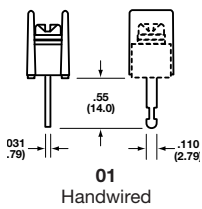
### Single Row Terminal Blocks

## Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A 2					
LP 2					
<b>A2</b> - standard barrier <b>LP2</b> - low profile barrier	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail <b>05</b> - extended handwired <b>06</b> - handwired <b>07</b> - extended pin <b>08</b> - printed circuit <b>09</b> - .250 QC short <b>10</b> - .187 QC <b>14</b> - printed circuit <b>19</b> - .250 QC long	<b>0</b> - flat base/molded mount end <b>1</b> - flat base/mnt. end <b>2</b> - flat base/barrier end <b>3</b> - insulator base/mnt. end <b>4</b> - insulator base/barrier end <b>5</b> - closed base/mount end <b>6</b> - closed base/molded mount end <b>9</b> - insulator base/molded mount end  Base/End Note: 0, 6, 9 styles not available with covers. 5 & 6 Styles only available with 03 terminals.	<b>02 to 32</b> <b>02 to 30</b> on mount end base	Blank - std. screw <b>00</b> - screws shipped bulk <b>03</b> - stainless steel <b>04</b> - brass nickel plated <b>07</b> - steel SEMS (not available with hardware options) <b>09</b> - brass SEMS nickel plated (not available with hardware options) <b>CA</b> - captive screw <b>03CA</b> - stainless steel captive <b>04CA</b> - brass captive <b>07CA</b> - SEMS captive <b>09CA</b> - brass SEMS captive <b>07WR</b> - steel SEMS wire ready (not available on LP2)	<b>AB</b> - angle mnt. options (pg 9) <b>A1 to A9</b> - .250" QC <b>B1 to B9</b> - .187" QC <b>DR</b> - drilled right angle (pg 9) <b>JA, JB &amp; JC</b> - barrier jumpers <b>L1 to L6</b> marking options (pg 22) <b>MP, MP8 &amp; MT</b> mounting plates (pg 9) <b>OJ2 &amp; OJ4</b> - over barrier jumpers (not available w/covers) <b>RC</b> - retaining clips (pg 9) <b>R30 to R77</b> - right angle bends (pg 9) <b>SO</b> - stand off insulators (pg 9) <b>S1</b> - solder lug/flat  <b>Covers</b> - (pg 23)

## Terminal Styles

Inches (Millimeters)





## Series A2000 & LP2000

Single Row Terminal Blocks *Continued*

### Screw Options



**Standard**  
Zinc Plated Steel



**03**  
Stainless Steel



**04**  
Brass  
Nickel Plated



**07**  
Steel SEMS



**09**  
Brass SEMS  
Nickel Plated

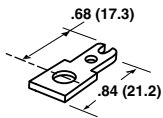


**07WR**  
Wire Ready  
(A2 only)

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

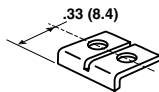
Inches (Millimeters)

#### Solder Lugs

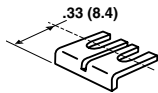


**S1**  
(2S1)

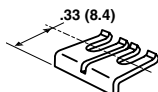
#### Jumpers



**JA**  
(JA2-XX)



**JB**  
(JB2-XX)



**JC**  
(JC2-XX)



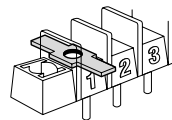
**OJ2**



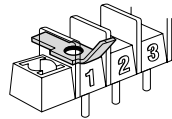
**OJ4**

#### Quick Connects

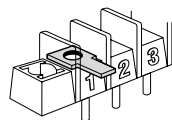
Blade Width A = .250" Blade Width B = .187"



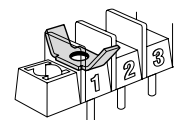
**A1 & B1**  
(2A1 & 2B1)



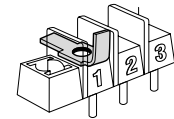
**A4 & B4**  
(2A4 & 2B4)



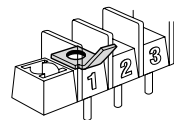
**A7 & B7**  
(2A7 & 2B7)



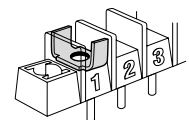
**A2 & B2**  
(2A2 & 2B2)



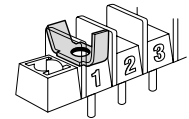
**A5 & B5**  
(2A5 & 2B5)



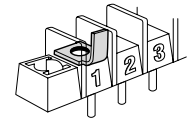
**A8 & B8**  
(2A8 & 2B8)



**A3 & B3**  
(2A3 & 2B3)

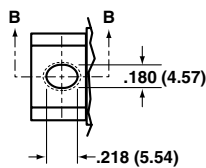


**A6 & B6**  
(2A6 & 2B6)



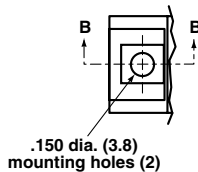
**A9 & B9**  
(2A9 & 2B9)

### Base/End Options



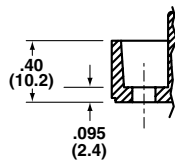
SECTION A-A

0, 6 & 9  
Molded Mount End



SECTION B-B

1, 3 & 5  
Mount End





## Series A2000 & LP2000

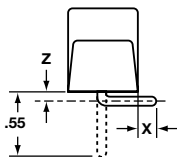
### Single Row Terminal Blocks *Continued*

## Mounting Options

### Right Angle Bends (A2, LP2 only)

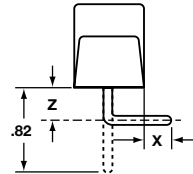
Right angle terminals are offered on the A2000 & LP2000 Series. Configurations are defined in these dimension: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.

### 04 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.28	No
R35	.01	.23	No
R36	.02	.22	No
R39	.05	.19	No
R42	.08	.16	No
R46	.12	.12	No
R48	.14	.10	No
R50	.16	.08	No

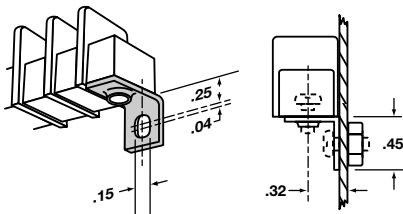
### 07 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.55	Yes
R35	.01	.50	Yes
R36	.02	.49	Yes
R42	.08	.43	Yes
R46	.12	.39	Yes
R50	.16	.35	No
R53	.19	.32	No
R66	.32	.19	No
R69	.35	.16	No
R75	.41	.10	No
R77	.43	.08	No

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

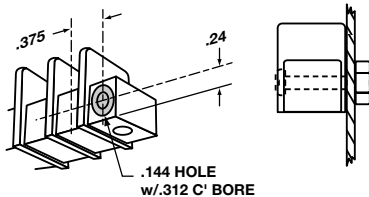
### Angle Brackets (A2, LP2 only)



#### Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **2AB**.

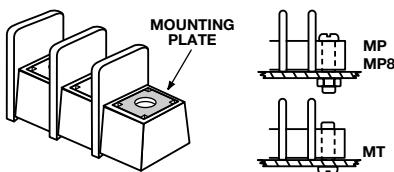
### Drilled Right Angle (A2, LP2 only)



#### Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

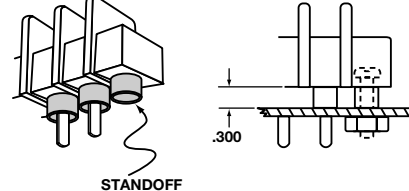
### Mounting Plates



#### Options MP, MP8 & MT

**MP** Metal inserts with .150" dia. hole accept #6 screw. **MP8** Metal inserts with .187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

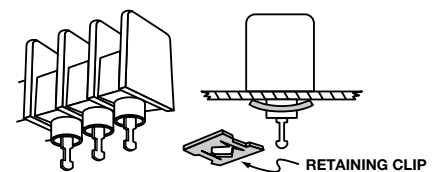
### Standoffs



#### Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

### Retaining Clip



#### Option RC

Use on standoff tubes. Fit panels up to .125" thick. Two clips for every five positions. Supplied unassembled. Bulk Part No. **H541**.

## Series CB2000

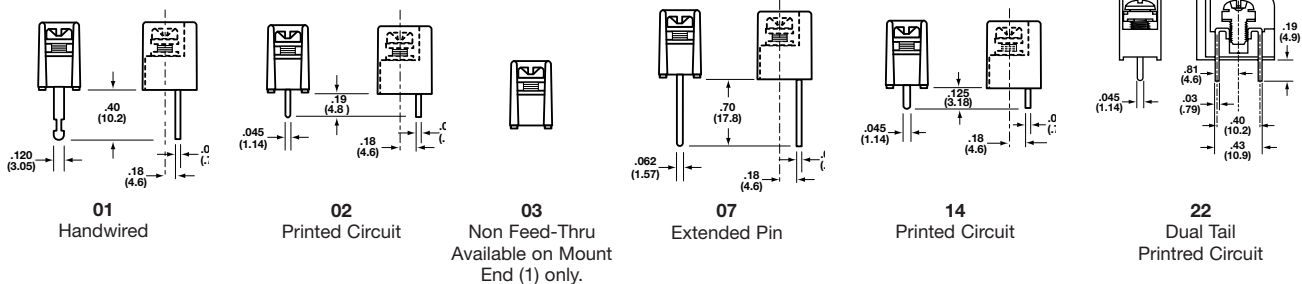
### Single Row Terminal Blocks

#### Part Numbering System

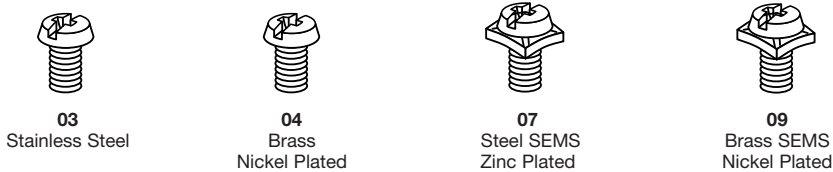
Series	Terminal Style	Base/End	Poles	Screws	Options
<b>C</b> <b>B</b> <b>2</b>					
<b>CB2</b> - closed back	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>07</b> - extended pin <b>14</b> - printed circuit <b>22</b> - dual tail printed circuit	<b>1</b> - mount end <b>2</b> - barrier end	<b>02 to 32</b> <b>02 to 30</b> on mount end base	<b>03</b> - stainless steel <b>04</b> - brass nickel plated <b>07</b> - steel SEMS standard <b>09</b> - brass SEMS nickel plated <b>CA</b> - captive screw <b>07CA</b> - SEMS captive	<b>AB</b> - angle mounting brackets (pg 11) <b>A7 to A9</b> - .250" QC <b>B7 to B9</b> - .187" QC <b>EB</b> - exit back terminals <b>EF</b> - exit front terminals <b>JA, JB &amp; JC</b> - barrier jumpers <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (pg 22) <b>OJ2 &amp; OJ4</b> - over barrier jumpers <b>MP, MP8, MT &amp; MT8</b> mtg. plates (pg 11) <b>S1</b> - solder lug/flat <b>Covers</b> - (pg.23)

#### Terminal Styles

Inches (Millimeters)



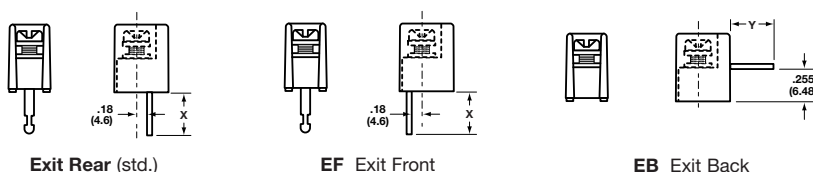
#### Screw Options



\* NOTE: Wire ready screws standard on all terminal styles.

#### CB2 Terminal Exit Options

Inches (Millimeters)

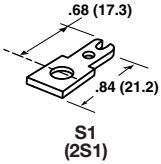


## Series CB2000

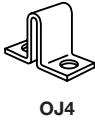
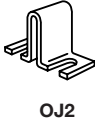
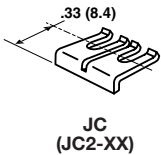
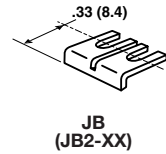
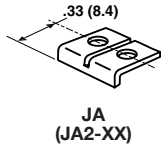
### Single Row Terminal Blocks

## Hardware Options Inches (Millimeters)

#### Solder Lugs

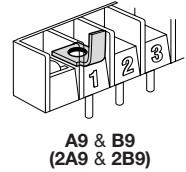
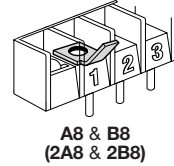
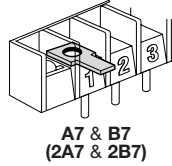


#### Jumpers



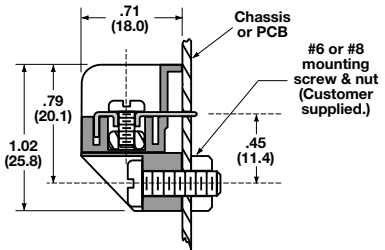
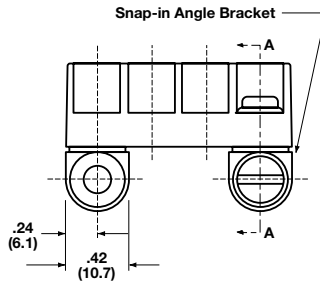
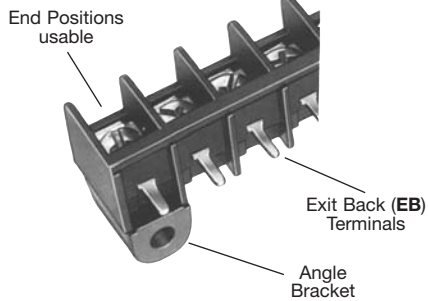
#### Quick Connects

Blade Width A = .250". Blade Width B = .187".



## Mounting Options Inches (Millimeters)

#### Right Angle Mounting Bracket

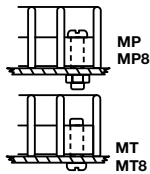
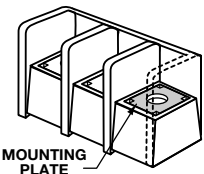


#### Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

#### Option AB

#### Mounting Plates



#### Options MP, MP8, MT & MT8

- MP** Metal inserts with .150" dia. hole accept #6 screw.
- MP8** Metal inserts with .187" dia. hole accept #8-32 screw.
- MT** Metal inserts with tapped hole accept #6-32 screw.
- MT8** Metal inserts with tapped hole accept #8-32 screw.

## Series A3000, LP3000 & CB3000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** A3: 30A, 600V\* #12-22 AWG  
 LP3: 30A, 150V #12-22 AWG  
 CB3: 30A, 600V #12-22 AWG

**Wire Range:** #12-22 AWG CU

**Center Spacing:** .437" or 7/16" (11.10 mm)

**Screw Size:** #6-32 zinc plated phillips screws.

**Torque Rating:** 9 in-lb.

**Base:** Standoffs standard for easy flux washing.

**Distance Between Barriers:** .32" (8.1 mm)

**Recommended PCB Hole Diameter:** .076" (1.93 mm)

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

**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Breakdown Voltage:** 3500V (A3 & LP3); 8200V (CB3)

**Agency Information:** UL/CSA; IEC Compliance, CE Certified

A31940707WR



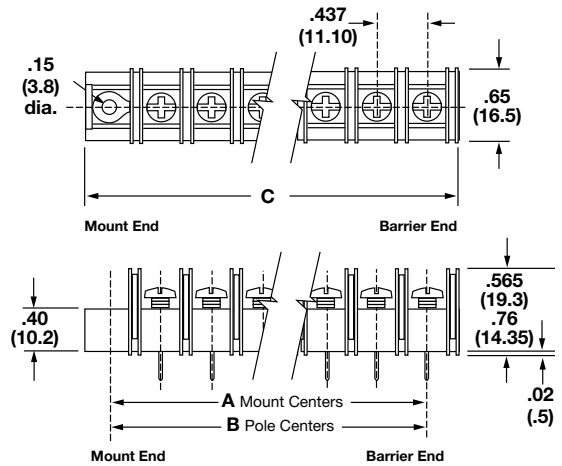
LP301105



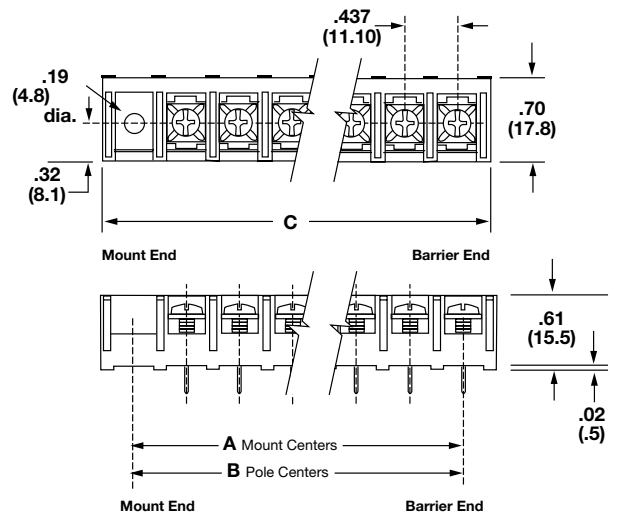
CB31420807



#### A3000 & LP3000 Series



#### CB3000 Series



\*30A Rating achieved with a #10 copper wire crimped to a ring terminal;  
 20 Rating without ring terminal.

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.31	1.73	.43	.98
03	1.75	2.17	.87	1.43
04	2.18	2.61	1.31	1.87
05	2.62	3.05	1.75	2.31
06	3.06	3.48	2.18	2.75
07	3.50	3.92	2.62	3.18
08	3.93	4.36	3.06	3.62
09	4.37	4.80	3.50	4.06
10	4.81	5.23	3.93	4.50
11	5.25	5.67	4.37	4.93
12	5.68	6.11	4.81	5.37
13	6.12	6.55	5.25	5.81
14	6.56	6.98	5.68	6.25
15	7.00	7.42	6.12	6.68
16	7.43	7.86	6.56	7.12
17	7.87	8.30	7.00	7.56
18	8.31	8.73	7.43	8.00
19	8.75	9.17	7.87	8.43
20	9.18	9.60	8.31	8.87
21	9.62	10.05	8.75	9.31
22	10.06	10.48	9.18	9.75
23	10.50	10.92	9.62	10.18
24	10.93	11.36	10.06	10.62
25	11.37	11.80	10.50	11.06
26	11.81	12.23	10.93	11.50
27			11.37	11.93
28			11.81	12.37

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

# Series A3000 & LP3000

## Single Row Terminal Blocks

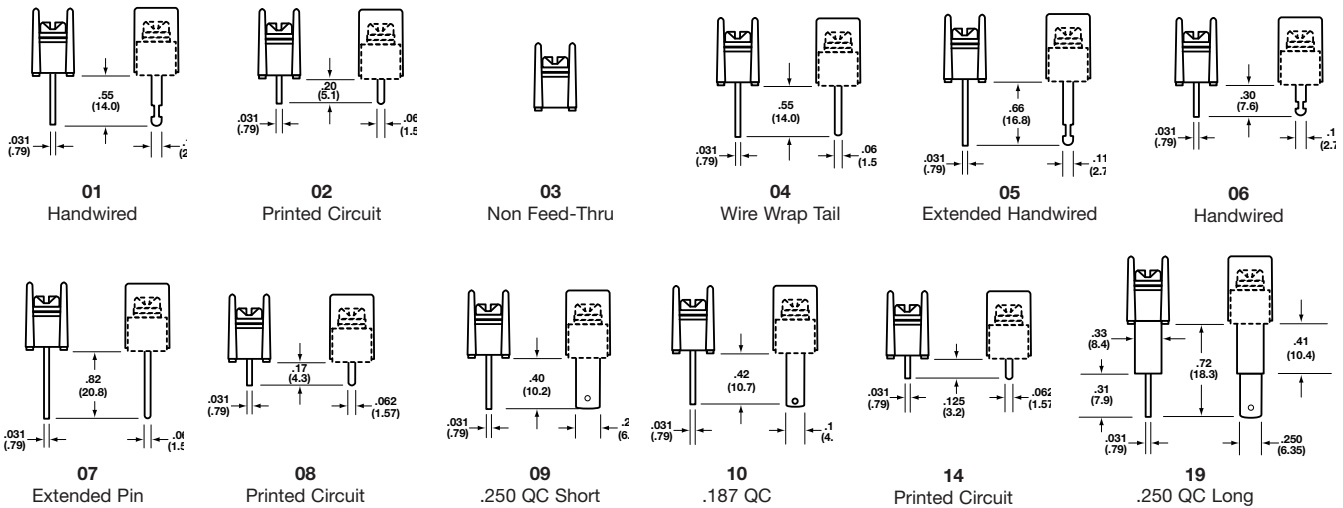
### Part Numbering System

Series	Terminal Style	Base/End (Views pg. 15)	Poles	Screw Options	Options
<b>A3</b>					
<b>LP3</b>					
<b>A3</b> - standard barrier <b>LP3</b> - low profile barrier	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail <b>05</b> - extended handwired <b>06</b> - handwired <b>07</b> - extended pin <b>08</b> - printed circuit <b>09</b> - .250 QC short <b>10</b> - .187 QC <b>14</b> - printed circuit <b>19</b> - .250 QC long	<b>1</b> - flat base/mnt. end <b>2</b> - flat base/barrier end <b>3</b> - insulator base/mnt. end <b>4</b> - insulator base/barrier end <b>5</b> - closed base/mount end	<b>02 to 28</b> <b>02 to 26</b> on mount end base	Blank - std. screw <b>00</b> - screws shipped bulk <b>03</b> - stainless steel <b>04</b> - brass nickel plated <b>07</b> - steel SEMS zinc plated (not available with hardware options) <b>09</b> - brass SEMS nickel plated (not available with hardware options) <b>03CA</b> - stainless steel captive <b>04CA</b> - brass captive <b>07CA</b> - SEMS captive <b>09CA</b> - brass SEMS captive <b>07WR</b> - steel SEMS wire ready (A3 only)	<b>AB</b> - angle mnt. options (pg 15) <b>A1 to A9</b> - .250" QC <b>B1 to B9</b> - .187" QC <b>DR</b> - drilled right angle (pg 15) <b>J201</b> - flat slip-on jumper <b>L1 to L6</b> marking options (pg 22) <b>MP, MP8 &amp; MT</b> mounting plates (pg 15) <b>OJ3, OJ5 &amp; OJ7</b> - over barrier jumpers <b>RC</b> - retaining clips (pg 15) <b>R30 to R77</b> - right angle bends (pg 15) <b>SO</b> - stand off insulators (pg 15) <b>S1</b> - solder lug/flat <b>Covers</b> - (pg 23)

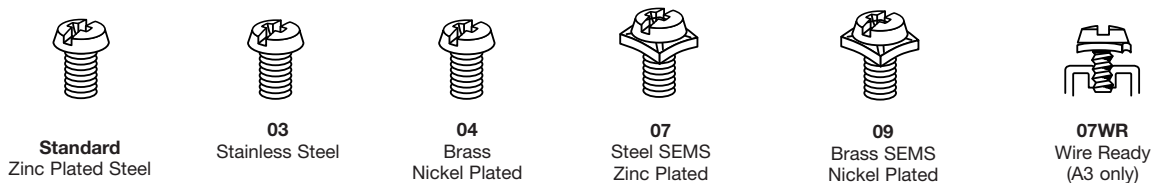
Base/End Note: 5 Style only available with 03 terminals.

### Terminal Styles

Inches (Millimeters)



### Screw Options



## Series A3000 & LP3000

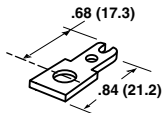
### Single Row Terminal Blocks *Continued*

#### Hardware Options

(Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

##### Solder Lugs



**S1**  
(2S1)



**J201**  
Flat slip-on

##### Jumpers



**OJ3**



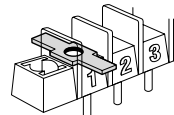
**OJ7**  
LP3 Only



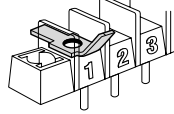
**OJ5**

##### Quick Connects

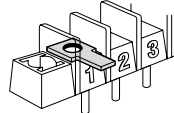
Blade Width A = .250" Blade Width B = .187"



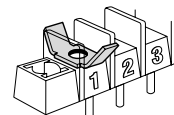
**A1 & B1**  
(2A1 & 2B1)



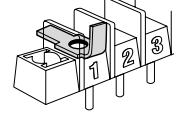
**A4 & B4**  
(2A4 & 2B4)



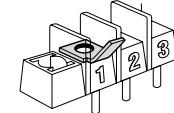
**A7 & B7**  
(2A7 & 2B7)



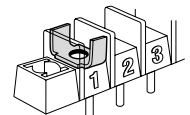
**A2 & B2**  
(2A2 & 2B2)



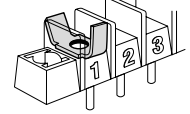
**A5 & B5**  
(2A5 & 2B5)



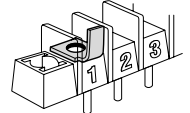
**A8 & B8**  
(2A8 & 2B8)



**A3 & B3**  
(2A3 & 2B3)

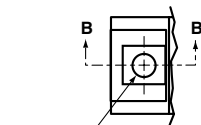


**A6 & B6**  
(2A6 & 2B6)

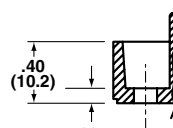


**A9 & B9**  
(2A9 & 2B9)

#### Base/End Options



.150 dia. (3.8)  
mounting holes (2)



SECTION B-B

1, 3 & 5 Mount End

## Series A3000 & LP3000

### Single Row Terminal Blocks *Continued*

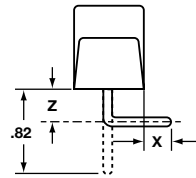
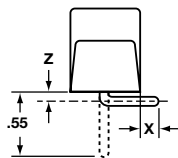
## Mounting Options

### Right Angle Bends (A3, LP3 only)

Right angle terminals are offered on the A3000 & LP3000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.

### 07 Terminal Bend Configurations

### 04 Terminal Bend Configurations

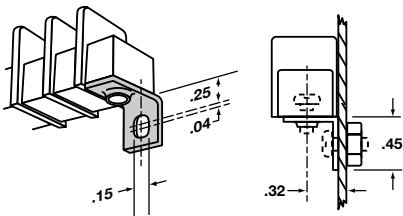


Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.28	No
R35	.01	.23	No
R36	.02	.22	No
R39	.05	.19	No
R42	.08	.16	No
R46	.12	.12	No
R48	.14	.10	No
R50	.16	.08	No

Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	-.04	.55	Yes
R35	.01	.50	Yes
R36	.02	.49	Yes
R50	.16	.35	No
R53	.19	.32	No
R66	.32	.19	No
R69	.35	.16	No
R75	.41	.10	No
R77	.43	.08	No

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

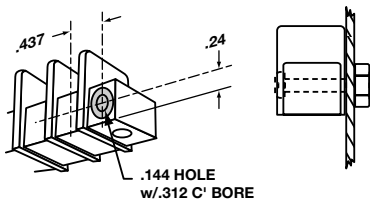
### Angle Brackets (A3, LP3 only)



#### Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **2AB**.

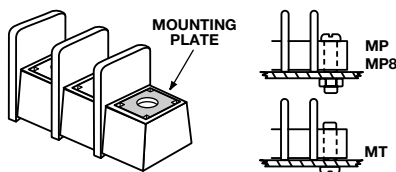
### Drilled Right Angle (A3, LP3 only)



#### Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

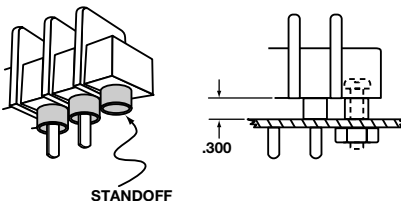
### Mounting Plates



#### Options MP, MP8 & MT

**MP** Metal inserts with .150" dia. hole accept #6 screw. **MP8** Metal inserts with .187" dia. hole accept #8-32 screw. **MT** Metal inserts with tapped hole accept #6-32 screw.

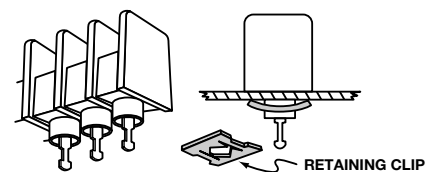
### Standoffs



#### Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

### Retaining Clip



#### Option RC

Use on standoff tubes. Fit panels up to .125" thick. Two clips for every five positions. Supplied unassembled. Bulk Part No. **H541**.



## Series CB3000

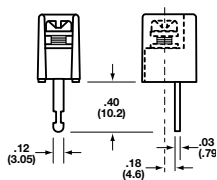
### Single Row Terminal Blocks

#### Part Numbering System

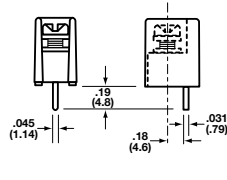
Series	Terminal Style	Base/End	Poles	Screws	Options
<b>C</b> <b>B</b> <b>3</b>					
<b>CB3</b> - closed back	<b>01</b> - handwired #6-32 screw <b>02</b> - printed circuit #6-32 screw <b>03</b> - non feed-thru #6-32 screw <b>07</b> - extended pin #6-32 screw <b>14</b> - printed circuit #6-32 screw <b>51</b> - handwired #8-32* <b>52</b> - printed circuit #8-32* <b>53</b> - non feed-thru #8-32* <b>57</b> - extended pin #8-32* <b>64</b> - printed circuit #8-32*	<b>1</b> - mount end <b>2</b> - barrier end <b>5</b> - closed base/ mount end	<b>02 to 28</b> <b>02 to 26</b> on mount end base	<b>07</b> - steel SEMS <b>09</b> - brass SEMS nickel plated <b>07CA</b> - SEMS captive	<b>AB</b> - angle mounting brackets (pg 17) <b>A7 to A9</b> - .250" QC <b>B7 to B9</b> - .187" QC <b>EB</b> - exit back terminals <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (pg 22) <b>OJ3 &amp; OJ7</b> - over barrier jumpers <b>MP, MP8, MT &amp; MT8</b> mtg. plates (pg 17) <b>S1</b> - solder lug/flat <b>Covers</b> - (pg 23)
	*Note: #8-32 screw is a special with #6-32 head.	Base/End Note: 5 Style only available with 03 terminals.			

#### Terminal Styles

Inches (Millimeters)



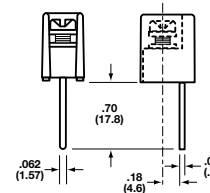
**01**  
Handwired #6-32 screw  
**51**  
#8-32 screw



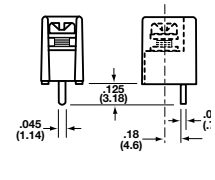
**02**  
Printed Circuit #6-32 screw  
**52**  
#8-32 screw



**03**  
Non Feed-Thru #6-32 screw  
**53**  
#8-32 screw  
Available on Mount End (5) only.



**07**  
Extended Pin #6-32 screw  
**57**  
#8-32 screw



**14**  
Printed Circuit #6-32 screw  
**64**  
#8-32 screw

#### Screw Options



**07**  
Steel SEMS  
Zinc Plated

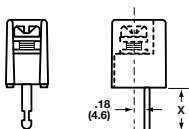


**09**  
Brass SEMS  
Nickel Plated

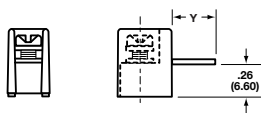
\* NOTE: Wire ready screws standard on all terminal styles.

#### CB3 Terminal Exit Options

Inches (Millimeters)



Exit Rear (std.)



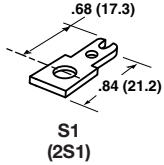
**EB**  
Exit Back

## Series CB3000

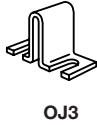
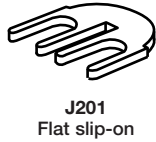
### Single Row Terminal Blocks

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

### Solder Lugs

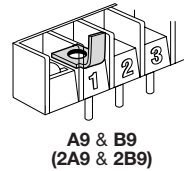
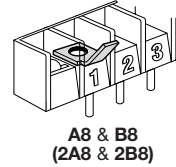
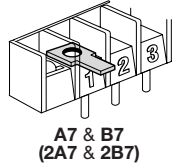


### Jumpers



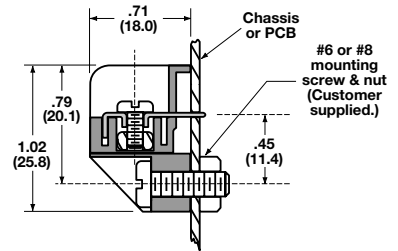
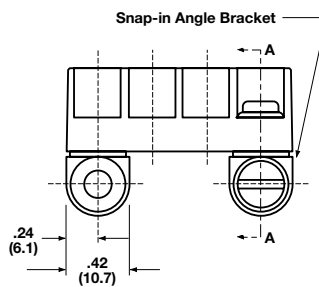
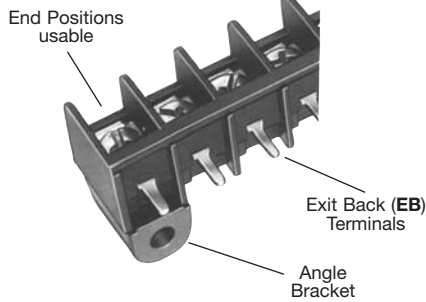
### Quick Connects

Blade Width A = .250". Blade Width B = .187".



## Mounting Options Inches (Millimeters)

### Right Angle Mounting Bracket

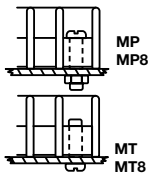
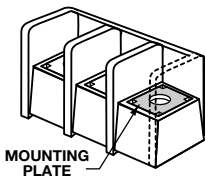


Option AB

### Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

### Mounting Plates



### Options MP, MP8, MT & MT8

**MP** Metal inserts with .150" dia. hole accept #6 screw.

**MP8** Metal inserts with .187" dia. hole accept #8-32 screw.

**MT** Metal inserts with tapped hole accept #6-32 screw.

**MT8** Metal inserts with tapped hole accept #8-32 screw.

## Series A38 / B38

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** A38: 30A, 600V

B38: 50A, 300V

**Center Spacing:** .437" (11.10 mm)

**Wire Range:** A38: #10-22 AWG CU; B38: #8-16 AWG

**Screw Size:** #8-32 Zinc Plated Steel

**Torque Rating:** A38: 9 in-lb; B38: 15 in-lb for #8, 9 in-lb for #6

**Base:** A38 Only: Standoffs standard for easy flux washing

**Distance Between Barriers:** .378" (9.60mm)

**Recommended PCB Hole Diameter (A38):** .076" (1.93mm)

**Operating Temperature:** 221°F (105°C)

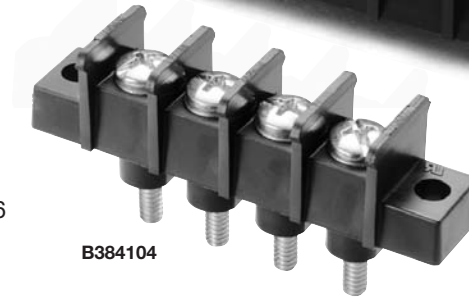
**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Breakdown Voltage:** 5000V

**Agency Information:** UL/CSA; CE Certified

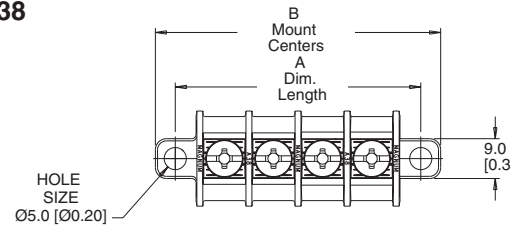


A382208



B384104

#### Series A38



#### Series B38

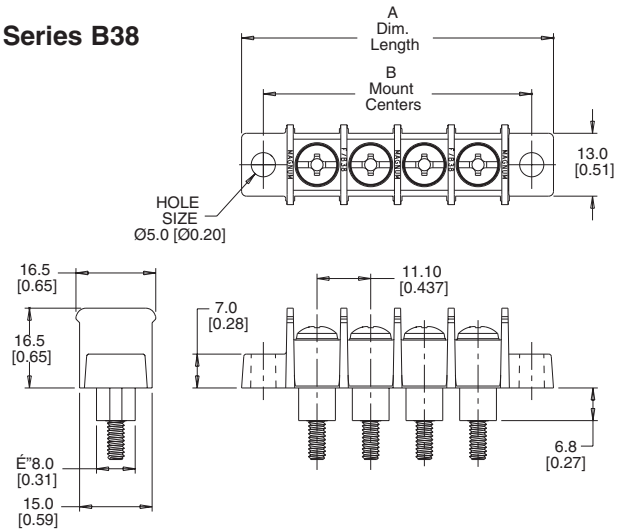


TABLE A

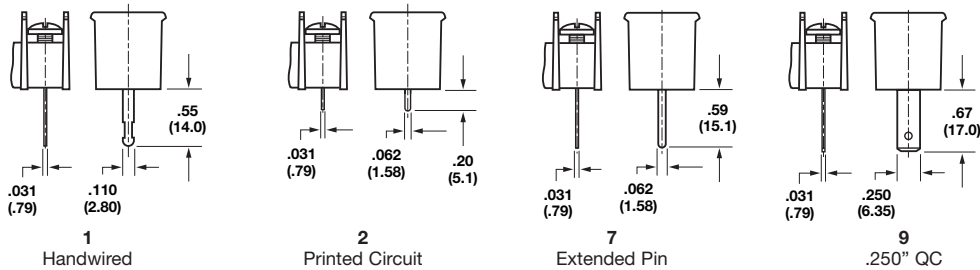
Poles	MOUNTING ENDS ONLY		BARRIER ENDS ONLY
	B Mount Ctrs.	"A" Dim. Length	"A" Dim. Length
02	1.31	1.67	0.93
03	1.75	2.10	1.37
04	2.19	2.54	1.81
05	2.62	2.98	2.25
06	3.06	3.41	2.68
07	3.50	3.85	3.12
08	3.93	4.29	3.56
09	4.37	4.72	3.99
10	4.81	5.16	4.43
11	5.24	5.60	4.87
12	5.68	6.04	5.30
13	6.12	6.47	5.74
14	6.56	6.91	6.18
15	6.99	7.35	6.61
16	7.43	7.78	7.05

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

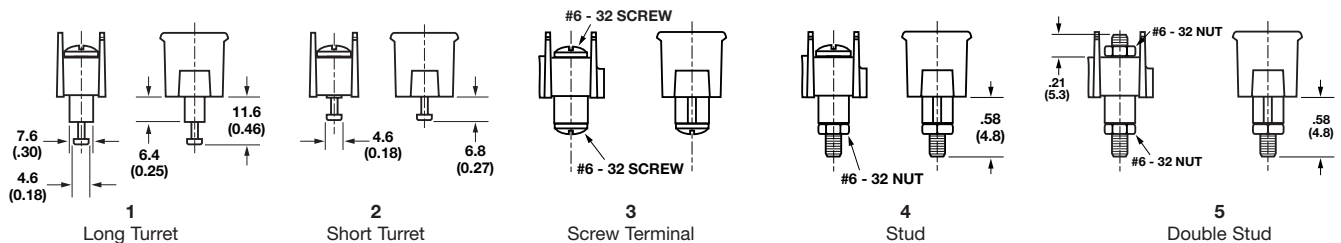
## Part Numbering System

Series	Terminal Style	Base/End	# of Poles	Screw Options	Options
<b>A 3 8</b>					
	<p>1 - hand wired</p> <p>2 - printed circuit</p> <p>7 - extended wire wrap</p> <p>9 - .250" QC</p>	<p>1 - flat base, mount end</p> <p>2 - flat base, barrier end</p> <p>3 - insulator base* mount end</p> <p>4 - insulator base* barrier end</p> <p>*N/A on 2 &amp; 8 terminal styles.</p>	02 to 16	<p>Blank - standard screw (steel zinc plated, philslot BHMS)</p> <p>04 - brass, nickel plated, philslot BHMS</p> <p>07 - steel, SEMS zinc plated philslot screw</p> <p>92 - steel, zinc plated slotted BHMS</p> <p>94 - brass, nickel plated slotted BHMS</p>	<p>L1 to L6 marking options (pg 22)</p> <p>RC - retaining clips (pg 15)</p> <p>Covers - (pg 23)</p> <p>R XX consult factory for terminal bend</p>
<b>B 3 8</b>					
	<p>1 - long turret</p> <p>2 - short turret</p> <p>3 - screw terminal #6-32 screw top &amp; bottom)</p> <p>4 - stud (#8-32 screw top, #6-32 stud bottom)</p> <p>5 - double stud (#6-32 stud top &amp; bottom)</p>	<p>0 - flat base, mount ends</p> <p>4 - insulator base, barrier ends</p> <p>9 - insulator base mount ends</p>	02 to 16	<p>Blank - standard screw steel zinc plated philslot BHMS</p> <p>04 - brass, nickel plated, philslot BHMS</p> <p>32 - #6-32 zinc plated steel philslot BHMS*</p> <p>34 - #6-32 nickel plated brass philslot BHMS*</p> <p>92 - steel, zinc plated slotted BHMS</p> <p>94 - brass, nickel plated slotted BHMS</p>	<p>L1 to L6 marking options (pg 23)</p> <p>RC - retaining clips (pg 16)</p> <p>Covers - (pg 23)</p> <p>*Note: 32 &amp; 34 screws only available with 3 terminal style.</p>

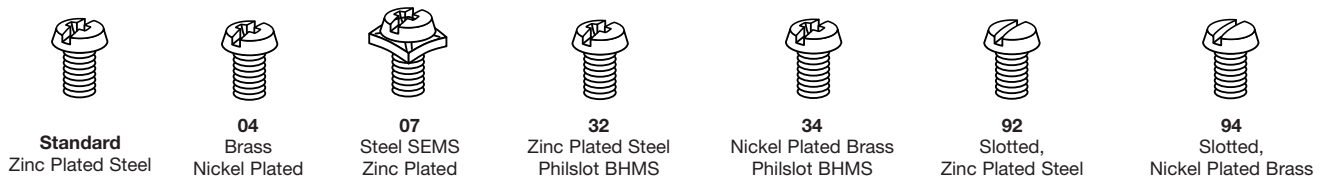
### A38 Terminal Styles Wire ready screws standard



### B38 Terminal Styles



### Screw Options



## Series A4000 & Series B4000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** See table.

**Center Spacing:** .562" or 9/16" (14.28 mm)

**Wire Range:** See rating table.

**Screw Size:** #8-32 or #10-32 zinc plated slotted screws

**Torque Rating:** #8 screw size 16 in.-lb.; #10 screw size 20 in.-lb.

**Distance Between Barriers:** .47" (11.9 mm)

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

**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Hardware:** Bottom studs supplied with nuts assembled. Cup washers are optional on bottom studs but are not recommended with ring terminals.

**Extended Hex Nuts:** Optional extended, slotted hex nuts enable easier installation and removal with hex wrench or screwdriver. Available in bulk for the #10-32 studs on Series A4953 blocks. Specify part no. F582 and quantity.

**Breakdown Voltage:** 6100V

**Agency Information:** UL/CSA; CE Certified

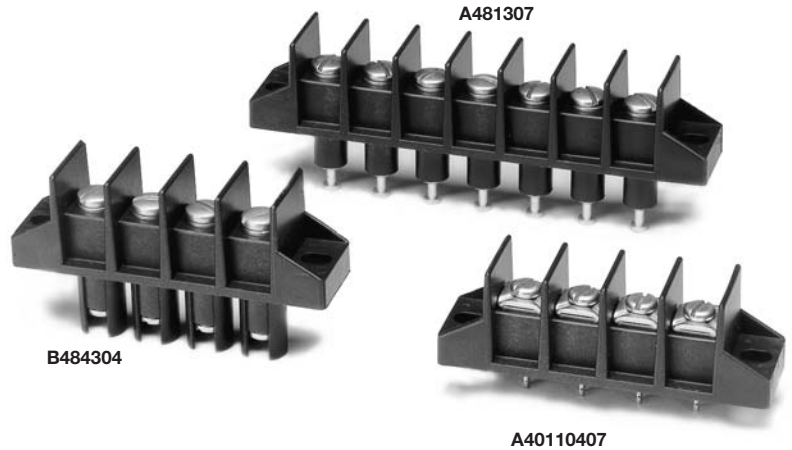
#### RATING TABLE

Part Number	Terminal Top	Terminal Bottom	Wire* Range CU	Rated Voltage	Rated Current
A4003XX	# 8 Screw	#8 Stud	8-16 AWG	150V; 50 amps	
A4011XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps	
A4013XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps	
A4021XX	# 8 Screw	.250 QC	10-16 AWG	600V; 35 amps	
A4035XX	# 8 Screw	Closed	8-16 AWG	600V; 50 amps	
A4041XX	#10 Screw	Solder	10-16 AWG	600V; 35 amps	
A4043XX	#10 Screw	Solder	10-16 AWG	600V; 35 amps	
A4051XX	#10 Screw	250 QC	10-16 AWG	600V; 35 amps	
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V; 50 amps	
A4813XX	#10 Screw	Solder Turret	10-16 AWG	600V; 35 amps	
A4843XX	#10 Screw	#8 Screw	8-16 AWG	150V; 50 amps	
A4953XX	#10 Stud	#10 Stud	8-16 AWG	150V; 50 amps	
B4843XX	#10 Screw	#8 Screw	8-16 AWG	600V; 50 amps	

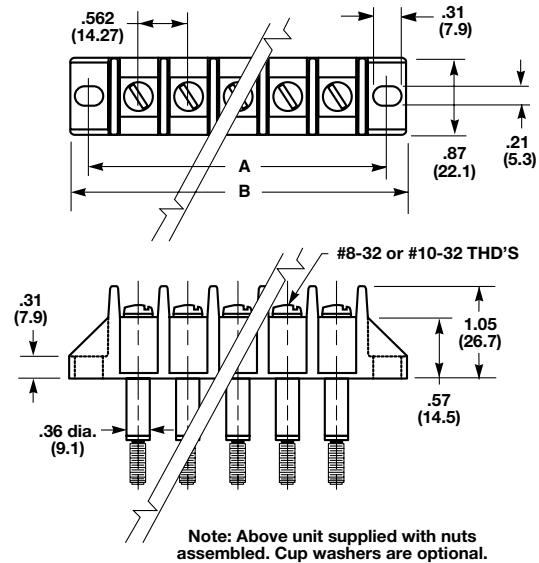
\* All models 30A Max. with 10 AWG;  
35-50A ratings with 8 AWG using ring or fork type terminals.  
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

Poles	A (in.) Mount Centers	B (in.) Length
2	1.69	2.12
3	2.25	2.68
4	2.81	3.24
5	3.37	3.80
6	3.93	4.36
7	4.50	4.93
8	5.06	5.34
9	5.62	6.05
10	6.18	6.61
11	6.74	7.17
12	7.31	7.74
13	7.87	8.30
14	8.43	8.86
15	8.99	9.44
16	9.55	9.98
17	10.12	10.55
18	10.68	11.11

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

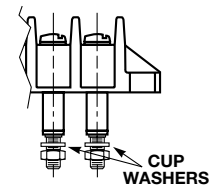


#### A4000 Series

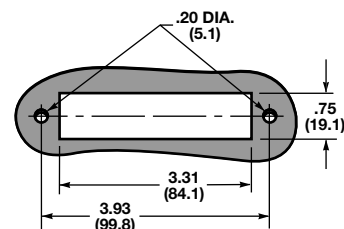


#### Optional Cup Washers Assembled

Available on A4003, A4803, A4843, A4953 & B4843.



#### Reference Panel Cutout for 6 Position Block



# Part Numbering System

## Series



A4 - standard  
B4 - barrier

## Terminal Style



00 - screw top; stud bottom  
01 - screw top; solder bottom  
02 - #8 screw top; .250 QC bottom  
03 - screw top only  
04 - #10 screw top; solder term. b.  
05 - #10 screw top; .250 QC bottom  
80 - screw top; stud bottom insulated base  
81 - screw top; solder turret bottom  
84 - screw top; screw bottom  
95 - stud top; stud bottom

## Base/End



1 - flat base/  
mount end  
3 - insulator base/  
mount end  
5 - closed base/  
mount end

## Poles



02 to 18

## Screw Options



Blank - std. screw  
00 - screws shipped bulk  
04 - brass nickel plated  
07 - steel SEMS zinc plated (not available with hardware options; not available on A4003, A4803, A4813, A4843, B4843)

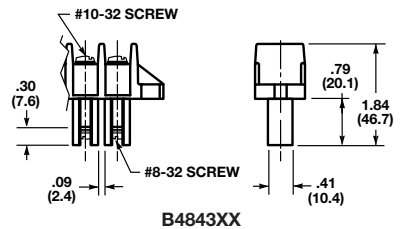
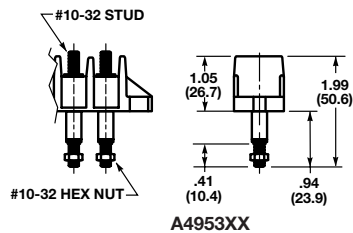
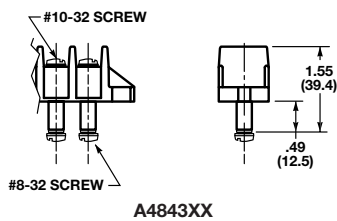
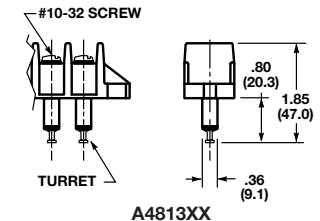
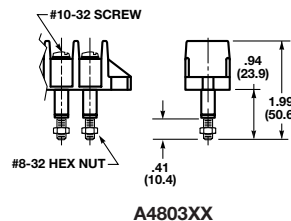
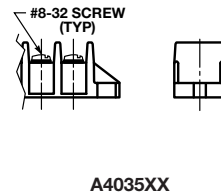
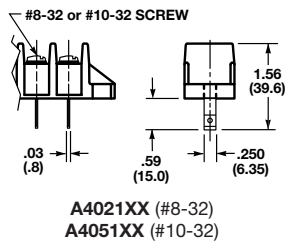
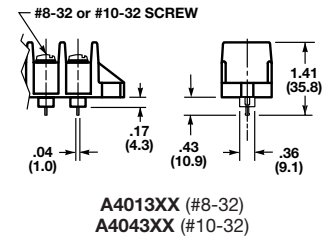
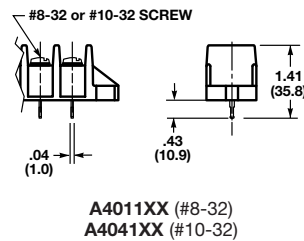
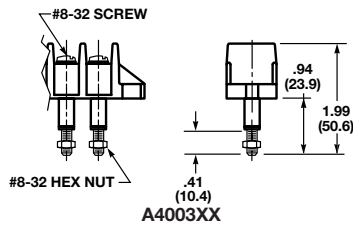
## Options



A1 to A9 - .250" QC  
CW - cup washer (pg 20)  
J301 - flat slip-on jumper (2 position only)  
L1 to L6 marking options (pg 22)  
S1 & S2 - solder lugs/flat  
Covers - (pg 23)

# Terminal Styles

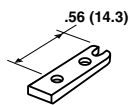
Inches (Millimeters)



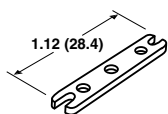
# Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

## Solder Lugs



S1  
(2S1)



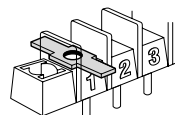
S2  
(2S2)

## Jumpers

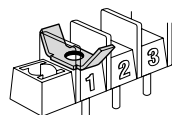


J301

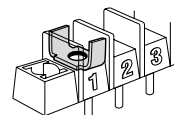
## Quick Connects Blade Width A = .250". (For other orientations, contact factory.)



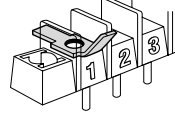
A1  
(4A1)



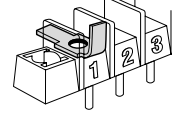
A2  
(4A2)



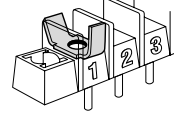
A3  
(4A3)



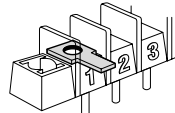
A4  
(4A4)



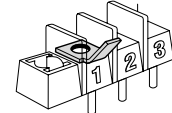
A5  
(4A5)



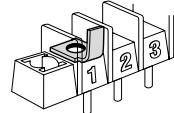
A6  
(4A6)



A7  
(4A7)



A8  
(4A8)



A9  
(4A9)

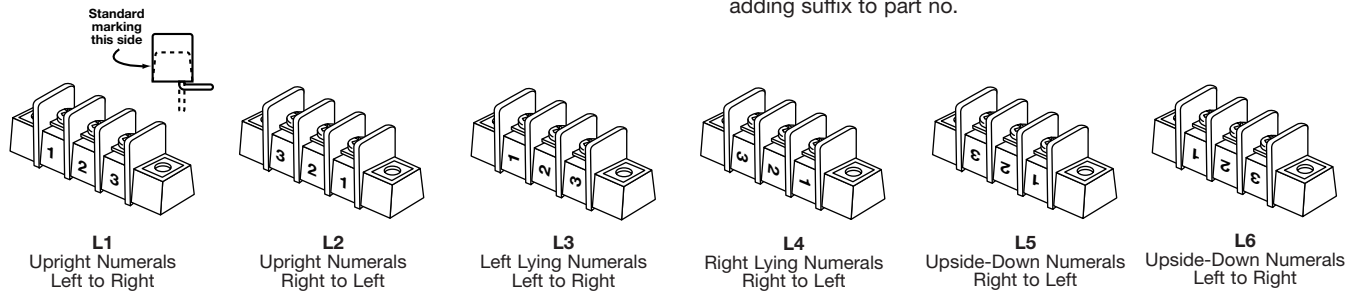
## All Series Marking Options

### Single Row Terminal Blocks

## Marking Options & Accessories

### Standard Marking

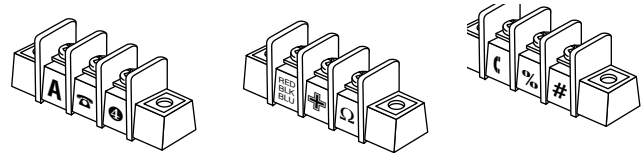
Markings are applied directly to the sides of Series 1000, 2000, 3000, & 4000. Standard characters are white and 1/8" high. Factory may substitute 3/32" high characters.



Blocks to be marked on both sides require a different code for each side. Example: "L1" on one side of the block requires "L2" on the other side to ensure common terminal marking. Specify by adding suffix to part no.

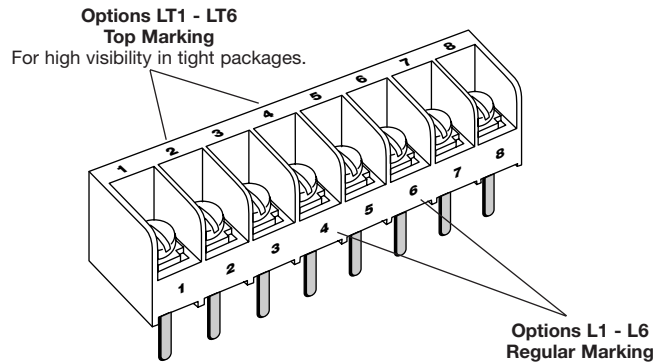
### Special Marking

Special markings are available for Series 1000, 2000, 3000, 4000 & 5000 at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking and the same quantity discounts apply. Consult factory for price and delivery.



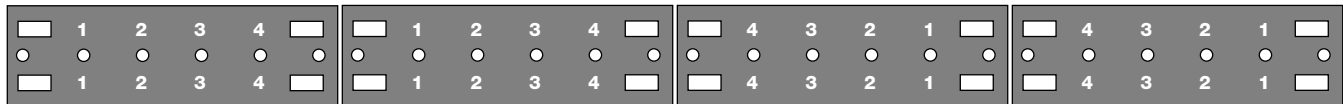
### Closed Barrier Terminal Block Marking Options

L1 & LT1 = Upright numerals, numbered from left to right  
 L2 & LT2 = Upright numerals, numbered from right to left  
 L3 = Left lying numerals, numbered from left to right  
 L4 = Right lying numerals, numbered from right to left  
 L5 & LT5 = Upside down numerals, numbered from right to left  
 L6 & LT6 = Upside down numerals, numbered from left to right



### Marker Strips

Black marker strips with white numerals mount beneath the terminal blocks to clearly identify terminal and wire positions. Available with forward or reverse markings, top or bottom of strip. If special markings are required, submit a drawing.



Bottom Forward - BF

Top Forward - TF

Bottom Reverse - BR

Top Reverse - TR

### Series



**MS1** - 1000 Series  
**MS2** - 2000 Series  
**MS3** - 3000 Series

### Base



**1** - mount end, feed thru  
**2** - barrier end, feed thru  
**3** - mount end, insulator tubes  
**4** - barrier end, insulator tubes  
**5** - mount end, non feed-thru

### Poles



**02 to 36**

### Marking



**BF** - bottom forward  
**TF** - top forward  
**BR** - bottom reverse  
**TR** - top reverse



## All Series Accessories

### Single Row Terminal Blocks *Continued*

#### Cover Options - Single Row

##### Terminal Block Covers

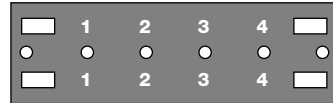
Available for Series A1000, A2000, A3000, A4000, CB2000, CB3000, LP2000, & LP3000.  
Three styles of UL 94V0 thermoplastic covers are offered in yellow or black. Covers are ordered separately and supplied with two clips each, unless ordered without clips. Optional markings may be specified (black on yellow; white on black).

Notes: Covers can not be used with mounting plate options MP & MT.  
Covers can not be used with certain quick connect terminals.  
Covers can not be used with 0, 6, & 9 base/end styles on A2 or A3

Bulk Cover Clips: Series 1000 = **CC1**; Series 2000 & 3000 = **CC2**;  
Series 4000 = **CC4**.

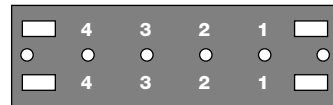
##### Standard Cover Markings

Top Forward - **TF**

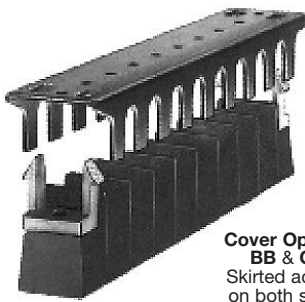


Bottom Forward - **BF**  
Skirted Access Side

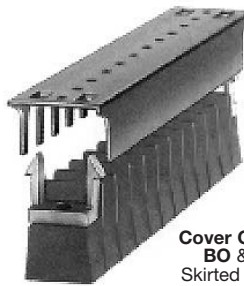
Top Reverse - **TR**



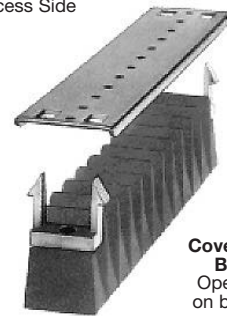
Bottom Reverse - **BR**  
Skirted Access Side



**Cover Options  
BB & CB**  
Skirted access  
on both sides.



**Cover Options  
BO & CO**  
Skirted access  
on one side only.



**Cover Options  
BC & TC**  
Open access  
on both sides.

##### Cover



**BB** - skirted access, both sides, black  
**CB** - skirted access, both sides, yellow  
**BO** - skirted access, one side, black  
**CO** - skirted access, one side, yellow  
**BC** - open access, both sides, black\*  
**TC** - open access, both sides, yellow\*  
\* Not available in 4000 Series

##### Series



**1** - 1000  
**2** - 2000  
**3** - 3000  
**4** - 4000

##### Poles



**02 to 36**

##### Markings



**BF** - bottom forward  
**TF** - top forward  
**BR** - bottom reverse  
**TR** - top reverse

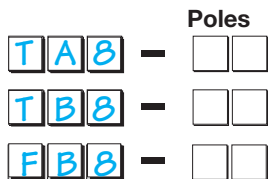
##### Options



**00** - without clips

#### Snap-On Covers for A38/B38/F38 Series & CB2/CB3 Series

##### A38/B38 Series

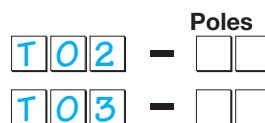


**A38 Series**

**B38 Series**

**F38 Series**

##### CB2/CB3 Series



**CB2 Series**

**CB3 Series**