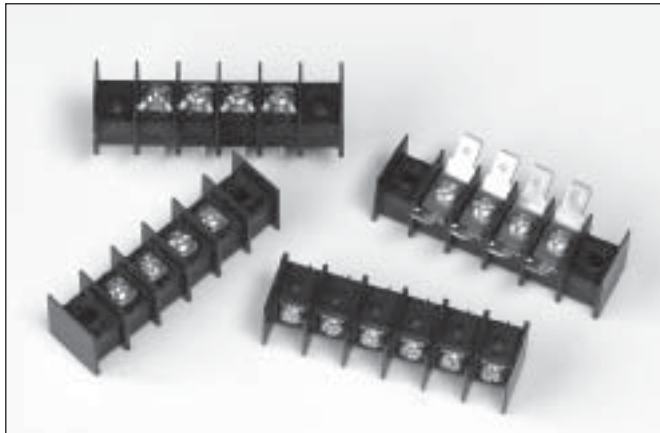


# Series 43000 .4375" (11.11mm) Center-to-Center Spacing



## Features:

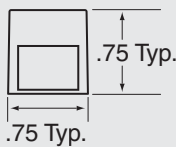
- Cost-competitive line of .4375" (11.11mm) centerline terminal blocks provides design engineers with multitude of selection choices: base mount and feed thru styles with P.C. pin, turret, quick connect, wire wrap and right angle.
- Available in up to 28 positions.
- Rated up to 30A, 600V
- Accepts very broad wire range from 22AWG to 12 AWG. Variety to top terminations including 6-32 and 8-32 screws, quick connects, wire clamps, jumpers, and covers.
- Unique Curtis contact design helps eliminate fracturing of solder joint due to pin twist.
- Plated brass inserts are standard on all Series 43000 terminal blocks. Standoffs molded into the blocks inhibit the trapping of solder flux – makes it easier to clean boards.
- All terminal blocks for electronic use are made from highly durable, self-extinguishing polypropylene material rated 94 V-0 by Underwriters Laboratories, Inc.
- Custom built terminal blocks for special applications are available. Contact any authorized Curtis distributor or representative, or call the factory direct.

**UL** Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.

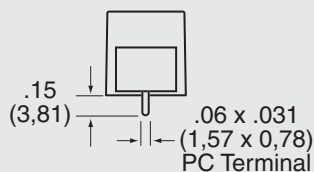
**CSA** Guide No. 22.2 No. 158, Report No. LR39186-1.

## Series 43000 Variations

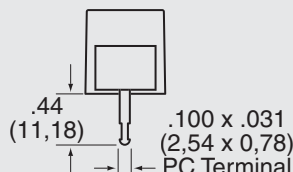
### 0 – Flush Mount



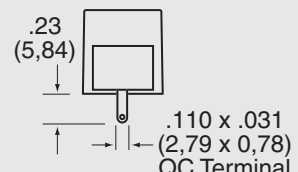
### 1 – Printed Circuit Pin



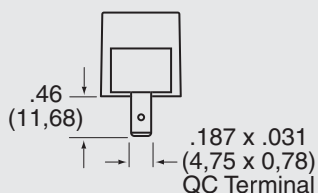
### 2 – Turret Type Solder Terminal



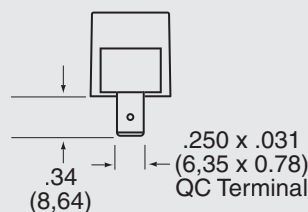
### 3 – Quick Connect .110"



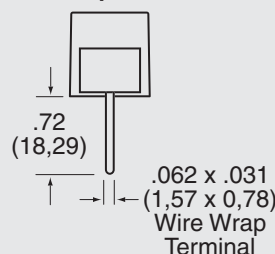
### 4 – Quick Connect .187"



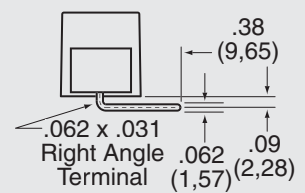
### 5 – Quick Connect .250"



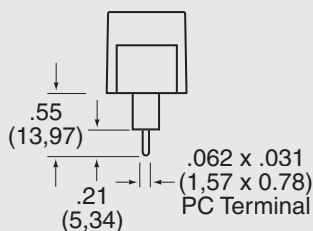
### 6 – Wire Wrap Pin



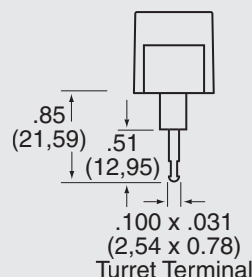
### 7 – Right Angle Printed Circuit Pin



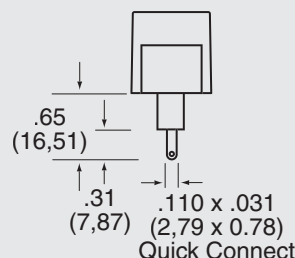
### 1 – Printed Circuit Pin



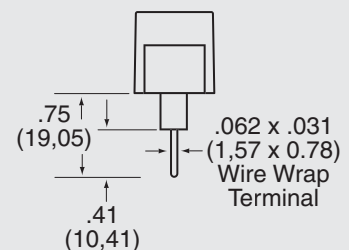
### 2 – Turret Type Solder Terminal



### 3 – Quick Connect .110"



### 6 – Wire Wrap Pin (extended pc pin)



Single Row

BARRIER STYLE

## Specifications:

**Center-to-Center Spacing:** .4375" (11.11mm)

**Wire Range:** No. 22AWG to 12AWG

**No. of Terminals:** 1 thru 26 (28 without mounting holes)

**Voltage Rating:** 600V

**Tightening Torque:** 9 in. lb.

**Current Rating:** 20 amps UL  
(30 Amps with 10AWG & Lugs)

### Housing:

Material Polypropylene

Continuous Use

Temp. (UL Index) 105°C (221°F)

Flammability Rating 94V-0

Water Absorption  
(24 hrs. % wt. gain) .03%

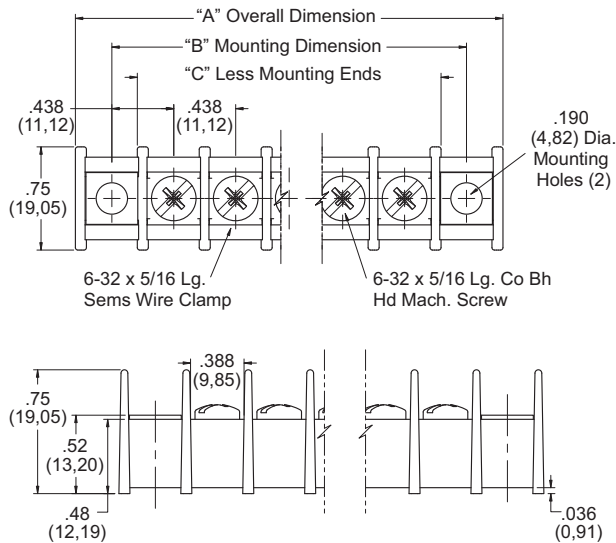
### Breakdown Voltage:

Terminal - Terminal 3000V

Terminal - Ground 3000V

**Terminals:** Brass - Tin Plated

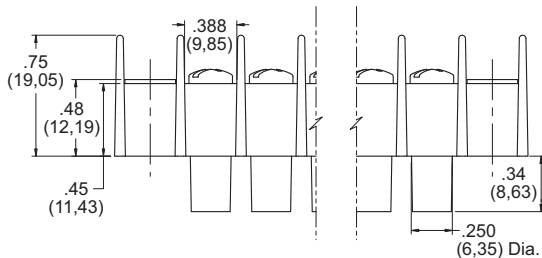
## Series 43000 Surface Mount With Mounting Ends



| Series 43000 With Mounting Ends |                                    |             |                                     |             | Without Mounting Ends            |             |
|---------------------------------|------------------------------------|-------------|-------------------------------------|-------------|----------------------------------|-------------|
| Number of Terminals             | Dimensions                         |             |                                     |             |                                  |             |
|                                 | A ± .031 Overall Dimensions (O.D.) |             | B ± .031 Mounting Dimensions (M.D.) |             | C ± .031 Less Mounting Positions |             |
|                                 | Inches                             | Metric (mm) | Inches                              | Metric (mm) | Inches                           | Metric (mm) |
| 1                               | 1.375                              | 34.93       | .875                                | 22.23       | .500                             | 12.70       |
| 2                               | 1.813                              | 46.05       | 1.313                               | 33.35       | .938                             | 23.83       |
| 3                               | 2.250                              | 57.15       | 1.750                               | 44.45       | 1.375                            | 34.93       |
| 4                               | 2.688                              | 68.28       | 2.188                               | 55.58       | 1.813                            | 46.05       |
| 5                               | 3.125                              | 79.38       | 2.625                               | 66.68       | 2.250                            | 57.15       |
| 6                               | 3.563                              | 90.50       | 3.063                               | 77.80       | 2.688                            | 68.28       |
| 7                               | 4.000                              | 101.60      | 3.500                               | 88.90       | 3.125                            | 79.38       |
| 8                               | 4.438                              | 112.73      | 3.938                               | 100.03      | 3.563                            | 90.50       |
| 9                               | 4.875                              | 123.83      | 4.375                               | 111.13      | 4.000                            | 101.60      |
| 10                              | 5.313                              | 134.95      | 4.813                               | 122.25      | 4.438                            | 112.73      |
| 11                              | 5.750                              | 146.05      | 5.250                               | 133.35      | 4.875                            | 123.83      |
| 12                              | 6.188                              | 157.18      | 5.688                               | 144.48      | 5.313                            | 134.95      |
| 13                              | 6.625                              | 168.28      | 6.125                               | 155.58      | 5.750                            | 146.05      |
| 14                              | 7.063                              | 179.40      | 6.563                               | 166.70      | 6.188                            | 157.18      |
| 15                              | 7.500                              | 190.50      | 7.000                               | 177.80      | 6.625                            | 168.28      |
| 16                              | 7.938                              | 201.63      | 7.438                               | 188.93      | 7.063                            | 179.40      |
| 17                              | 8.375                              | 212.73      | 7.875                               | 200.03      | 7.500                            | 190.50      |
| 18                              | 8.813                              | 223.85      | 8.313                               | 211.15      | 7.938                            | 201.63      |
| 19                              | 9.250                              | 235.00      | 8.750                               | 222.25      | 8.375                            | 212.73      |
| 20                              | 9.688                              | 246.08      | 9.188                               | 233.38      | 8.813                            | 223.85      |
| 21                              | 10.125                             | 257.18      | 9.625                               | 244.48      | 9.250                            | 234.95      |
| 22                              | 10.563                             | 268.30      | 10.063                              | 255.60      | 9.688                            | 246.08      |
| 23                              | 11.000                             | 279.4       | 10.500                              | 266.70      | 10.125                           | 257.18      |
| 24                              | 11.438                             | 290.53      | 10.938                              | 277.83      | 10.563                           | 268.30      |
| 25                              | 11.875                             | 301.63      | 11.375                              | 288.93      | 11.000                           | 279.40      |
| 26                              | 12.313                             | 312.75      | 11.813                              | 300.05      | 11.438                           | 290.53      |
| 27                              |                                    |             |                                     |             | 11.875                           | 301.63      |
| 28                              |                                    |             |                                     |             | 12.313                           | 312.75      |

Dimensions shown are ± 0.030"

## 43000 Feed-Thru Series



Dimensions are in inches and millimeters  
unless otherwise specified.  
Values in parentheses are metric equivalents.

**Curtis Industries**  
A Division of Powers Holdings, Inc.

1-800-657-0853

# Series 43000

## How to Order

43 X X X X XX X

### MOLDING DESIGN ]

- 0 = Surface Mount w/ Mounting Ends
- 1 = Surface Mount w/o Mounting Ends
- 2 = Insulated Feed Thru w/ Mounting Ends
- 3 = Insulated Feed Thru w/o Mounting Ends

### INSERT OR BOTTOM TERMINATION DESIGN ]

- 0 = Surface Mount, No Bottom Termination
- 1 = Printed Circuit Pin
- 2 = Turret Type Solder Terminal
- 3 = Quick Connect .110"
- 4 = Quick Connect .187"
- 5 = Quick Connect .250"
- 6 = Extended Printed Circuit Pin or Wire Wrap
- 7 = Right Angle Printed Circuit Pin

Note: Option 4 & 5 Only Available on Surface Mount Style Molding

### INSERT/SCREW DIMENSION ]

- 0 = 6-32 Insert and Screw
- 1 = 8-32 Insert and Screw, available on PC Pin, Turret Type Solder Pins, Wire Wrap and Right Angle Versions only

### [ SPECIALS OR OPTIONAL DESIGNS

- 0 = None
- A-Z = Custom Configuration

### [ NUMBER OF POSITIONS Available 1 thru 26 W/Mounting End 1 thru 28 w/o Mounting Ends

### [ HARDWARE OR TOP TERMINATION DESIGN

- 0 = Standard Zinc Plated Steel Screw, Combo Head
- 1 = Wire Clamp Screw
- 2 = Nickel Plated Brass Screw
- 3 = Stainless Steel Screw
- 5 = Without Screws
- 6 = Quick Connects, Screw Type\*
- 8 = Captivated Screw

\*See accessories

## Series 43000 Accessories

### WIRE CLAMP

4300 – Wire clamp captivated to No. 6-32 or 8-32 screw eliminates need for lugs. Accepts up to No. 12AWG wire. May be ordered factory installed or loose.

### MARKING STRIPS

4300 – Pre-punched black fiber . . . mounts under block. May be imprinted to customer specifications.  
To order, specify: Part No. 267A19-1 thru 26 (with mounting hole); Part No. 267A218-1 thru 28 (less mounting hole).

### COVERS

43000 – Rigid .030" thick self-extinguishing vinyl. Black matte-finished on both sides. May double as marking strip when imprinted with white ink. Complete with spring clips for attaching to mounting positions.

Part No. 0196\_\_ 000, 1 thru 26 poles.

Example: 019605000 would be a 5 pole cover

### TINNERMAN NUT

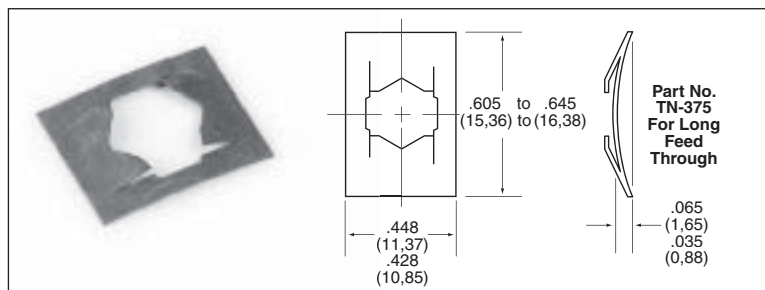
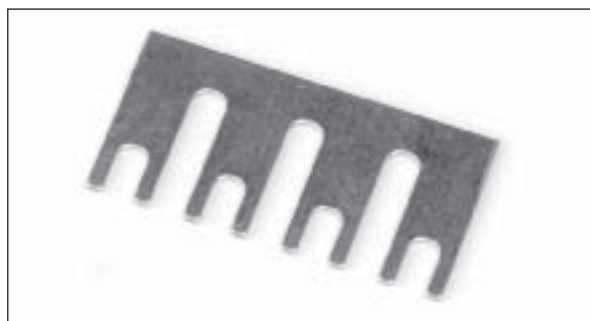
4300 – for special mounting of terminal blocks less mounting position.

Part No. TN-375.

### TERMINAL BLOCK JUMPERS

4300 – Plated brass "Rooster comb" design Type 267A42 permits connections of two to 18 poles.

To order, specify; Part No. 267A42-\_\_ .



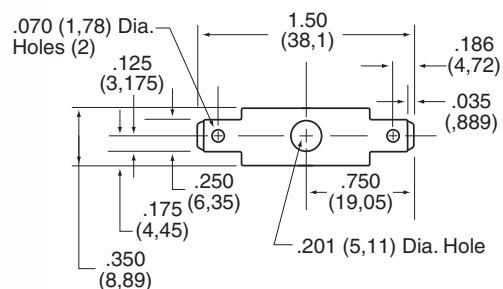
Single Row

BARRIER STYLE

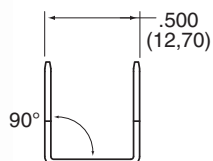
## QUICK-CONNECT TERMINALS QUICK-CONNECT TERMINALS

43000 – Available with .250" x .032" quick-connect tabs of tin-plated brass, held in place by terminal screws. Six styles . . . one to six terminations per pole. Factory-assembled or supplied bulk.

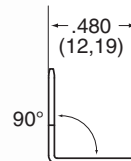
TB21



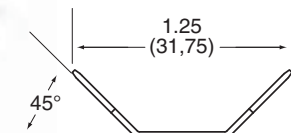
TB22



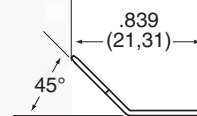
TB25



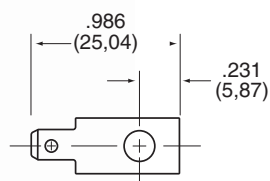
TB23



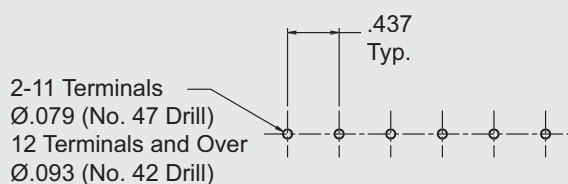
TB26



TB24



## PC BOARD DRILLING DIMENSIONS



## RECOMMENDED PANEL CUTOUT DIMENSIONS

