

# Series 43000

.4375", 11.11mm Center-to-Center Spacing


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


**Voltage Rating:** UL & CSA – 300 volts

**Breakdown Voltage:**

Terminal - Terminal 3,000V Typ.

Terminal - Ground 3,000V Typ.

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

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

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

**Wire Range:** UL recognized for No. 22AWG to No. 12AWG.

**Tightening Torque:** 9 in.-lbs.

**Housing:**

Material Reinforced PBT Polyester

Continuous Use

Temp. (UL Index) 130° C (266° F)

Flammability Rating UL 94V-0

**Terminals:** Brass - Tin Plated

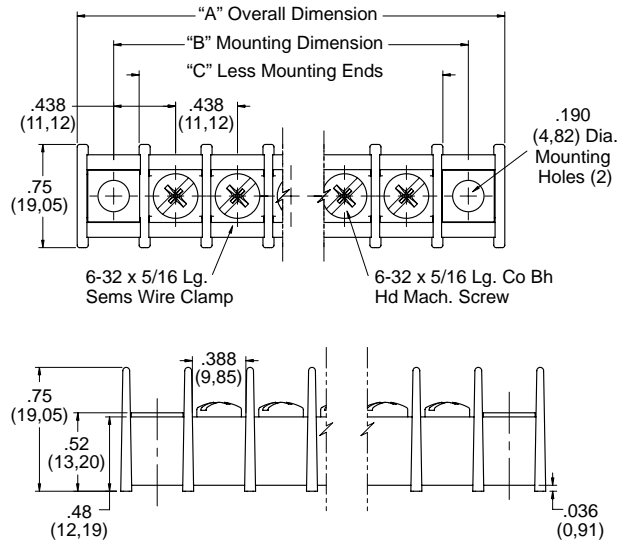


**Features:**

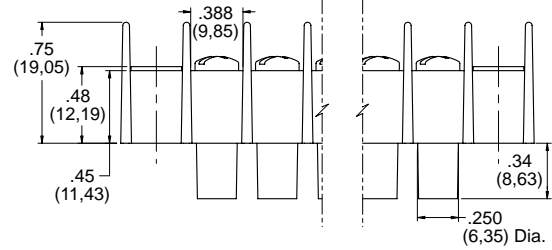
- Cost-competitive line of terminal blocks provides design engineers with multitude of selection choices: base mount and feed thru styles with P.C. pin, turret, quick connect, wire wrap and right angle.
- Accepts very broad wire range and a variety of top terminations including 6-32 and 8-32 screws, 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.
- Series 43000 terminal blocks are made from highly durable, self-extinguishing Reinforced PBT Polyester material UL rated to 94V-0.
- Custom built terminal blocks for special applications are available. Contact any authorized Curtis distributor or representative, or contact Curtis sales directly.

# Mechanical Drawing

## Series 43000 Surface Mount With Mounting Ends



## 43000 Feed-Thru Series



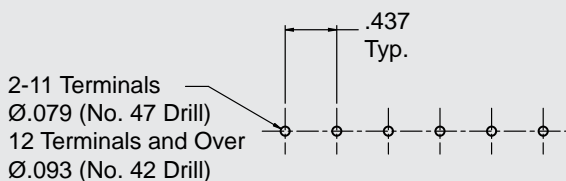
Dimensions shown are ± 0.030"

Number of Terminals	Series 43000 With Mounting Ends				Without Mounting Ends	
	Dimensions					
	B ± .031 Mounting Dimensions (M.D.)		A ± .031 Overall Dimensions (O.D.)		C ± .031 Less Mounting Positions	
	Inches	Metric (mm)	Inches	Metric (mm)	Inches	Metric (mm)
1	.875	22.23	1.375	34.93	.500	12.70
2	1.313	33.35	1.813	46.05	.938	23.83
3	1.750	44.45	2.250	57.15	1.375	34.93
4	2.188	55.58	2.688	68.28	1.813	46.05
5	2.625	66.68	3.125	79.38	2.250	57.15
6	3.063	77.80	3.563	90.50	2.688	68.28
7	3.500	88.90	4.000	101.60	3.125	79.38
8	3.938	100.03	4.438	112.73	3.563	90.50
9	4.375	111.13	4.875	123.83	4.000	101.60
10	4.813	122.25	5.313	134.95	4.438	112.73
11	5.250	133.35	5.750	146.05	4.875	123.83
12	5.688	144.48	6.188	157.18	5.313	134.95
13	6.125	155.58	6.625	168.28	5.750	146.05
14	6.563	166.70	7.063	179.40	6.188	157.18

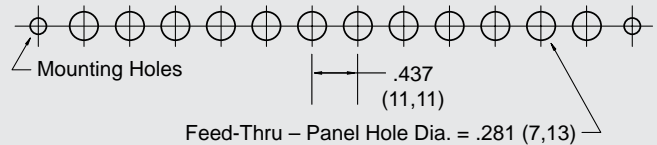
Number of Terminals	Series 43000 With Mounting Ends				Without Mounting Ends	
	Dimensions					
	B ± .031 Mounting Dimensions (M.D.)		A ± .031 Overall Dimensions (O.D.)		C ± .031 Less Mounting Positions	
	Inches	Metric (mm)	Inches	Metric (mm)	Inches	Metric (mm)
15	7.000	177.80	7.500	190.50	6.625	168.28
16	7.438	188.93	7.938	201.63	7.063	179.40
17	7.875	200.03	8.375	212.73	7.500	190.50
18	8.313	211.15	8.813	223.85	7.938	201.63
19	8.750	222.25	9.250	235.00	8.375	212.73
20	9.188	233.38	9.688	246.08	8.813	223.85
21	9.625	244.48	10.125	257.18	9.250	234.95
22	10.063	255.60	10.563	268.30	9.688	246.08
23	10.500	266.70	11.000	279.4	10.125	257.18
24	10.938	277.83	11.438	290.53	10.563	268.30
25	11.375	288.93	11.875	301.63	11.000	279.40
26	11.813	300.05	12.313	312.75	11.438	290.53
27					11.875	301.63
28					12.313	312.75

Dimensions shown are ± 0.030"

### PC BOARD DRILLING DIMENSIONS



### RECOMMENDED PANEL CUTOUT DIMENSIONS



Part Number

*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
- 8 = Wire Wrap Short Pin 0.973"
- 9 = Right Angle, Wire Wrap Short Pin 0.973"

Note: Option 4 & 5 Only Available on Surface Mount

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

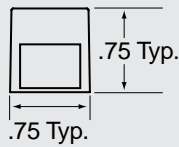
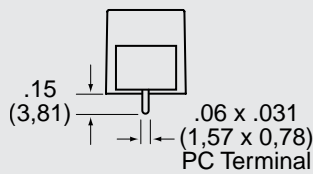
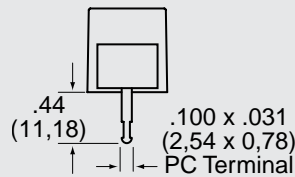
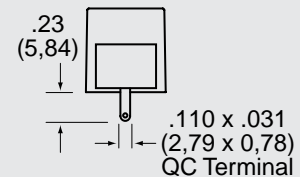
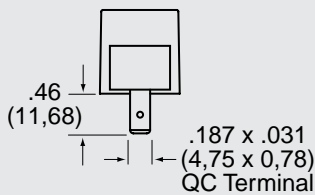
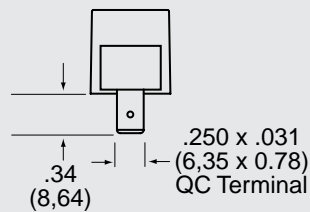
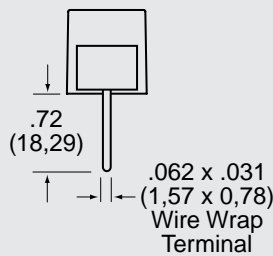
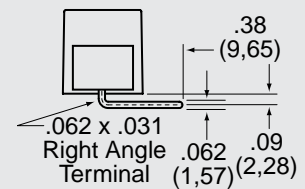
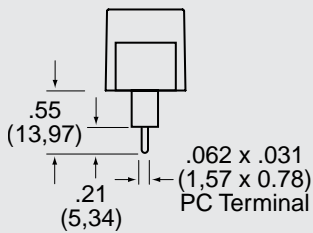
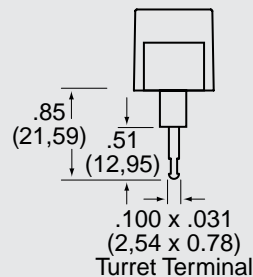
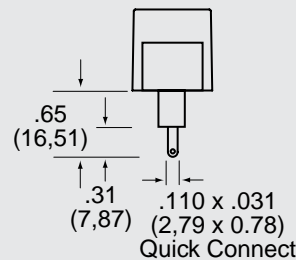
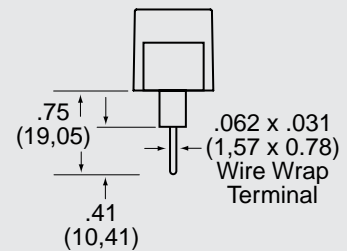
[ HARDWARE OR TOP TERMINATION DESIGN

- 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

## Variations

## 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)****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 through 26 (with mounting hole); Part No. 267A218-1 through 28 (less mounting hole).(0882980XX)

**COVERS (0191XX000 COVER + 019100000 CLIPS)**

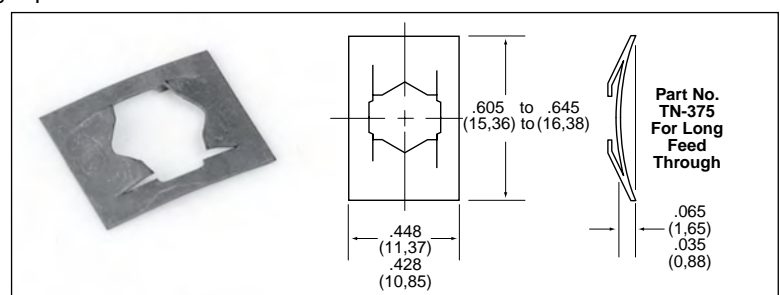
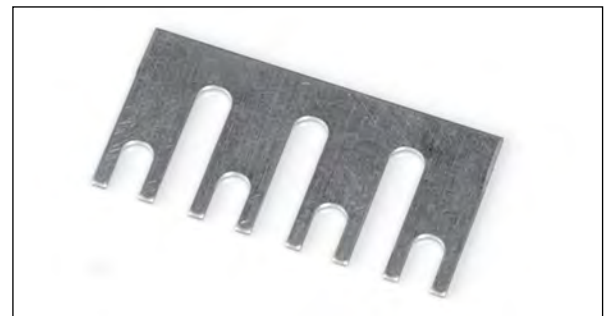
43000 – Rigid .030" thick self-extinguishing vinyl. Black matte-finished on both sides. May double as marking strip when imprinted with white ink. Complete with spring clips for attaching to mounting positions.

**TINNERMAN NUT**

4300 – for special mounting of terminal blocks less mounting position. Part No. TN-375.

**TERMINAL BLOCK JUMPERS**

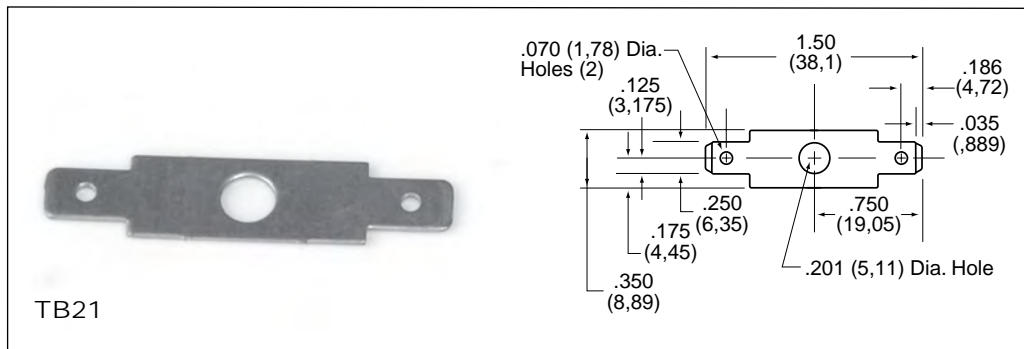
4300 – Plated brass "Rooster comb" design Type 267A42 permits connections of two to 18 poles. To order, specify; Part No. 267A42-\_\_ (0682106XX)



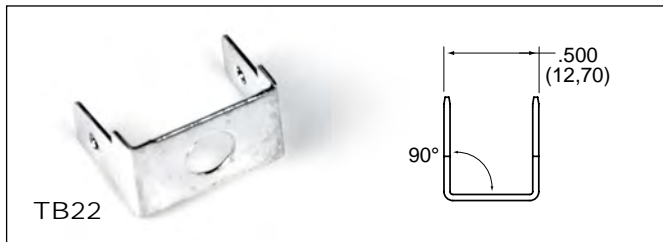
## Accessories

### 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.



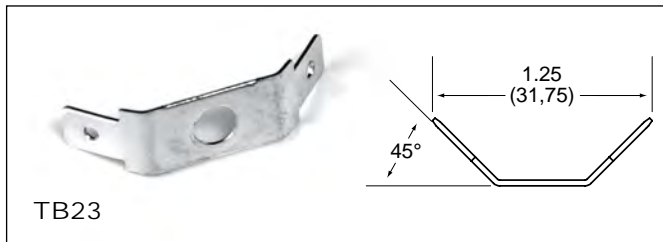
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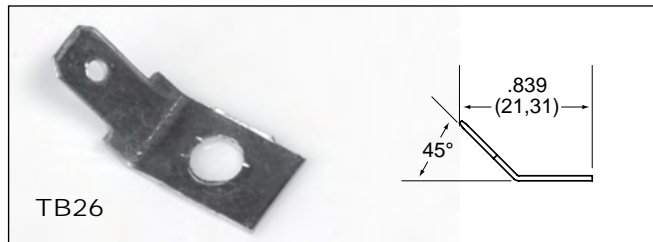
TB22



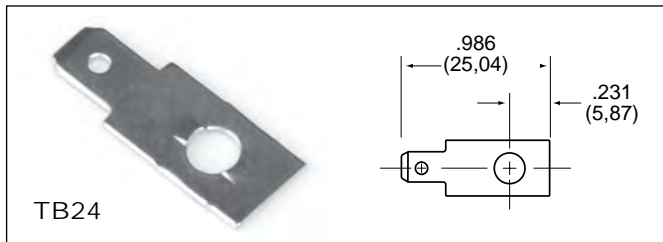
TB25



TB23



TB26



TB24

Dimensions shown are ± 0.030"