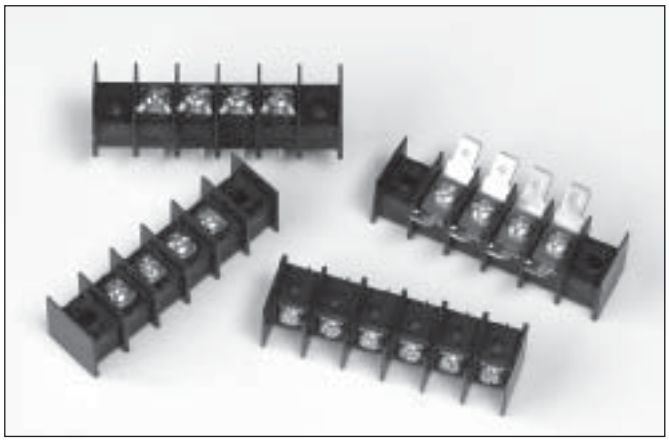
Series 43000 .4375" (11.11mm) Center-to-Center Spacing



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

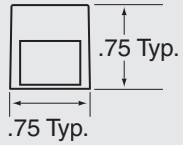
Guide No. 22.2 No. 158, Report No. LR39186-1.

Features:

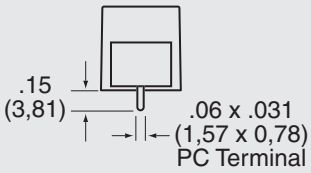
- Cost-competitive line of .4375" (11.11mm) centerline terminal blocks provides design engineers with multitude of selection choices: base mount and feed thru styles with P.C. pin, turret, quick connect, wire wrap and right angle. Available in up to 28 positions.
- Rated up to 30A, 600V
- Accepts very 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.

Series 43000 Variations

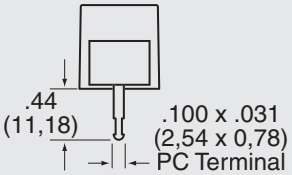
0 – Flush Mount



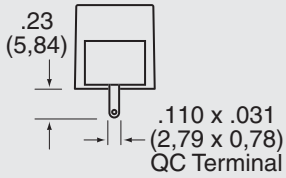
1 – Printed Circuit Pin



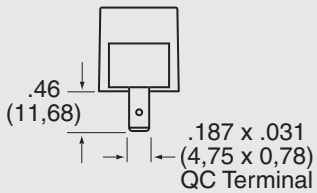
2 – Turret Type Solder Terminal



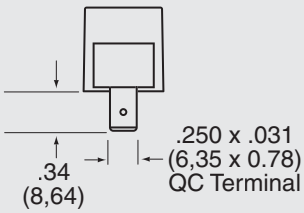
3 – Quick Connect .110"



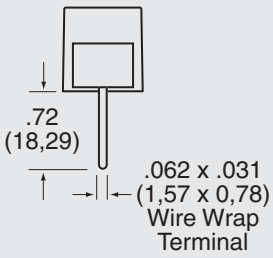
4 – Quick Connect .187"



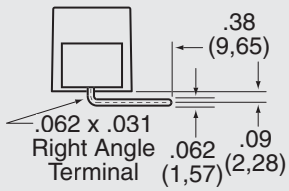
5 – Quick Connect .250"



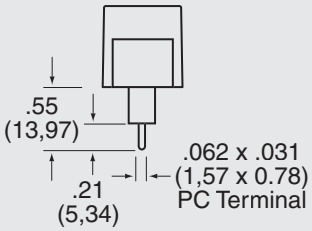
6 – Wire Wrap Pin



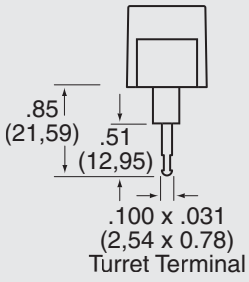
7 – Right Angle Printed Circuit Pin



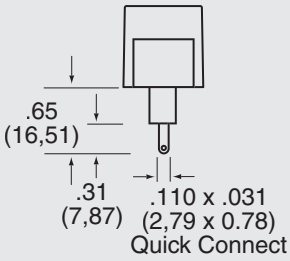
1 – Printed Circuit Pin



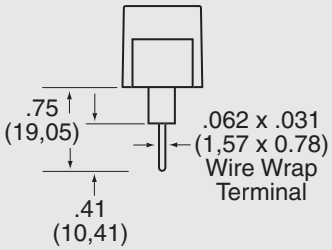
2 – Turret Type Solder Terminal



3 – Quick Connect .110"



6 – Wire Wrap Pin (extended pc pin)



Curtis Industries
A Division of Powers Holdings, Inc.

Specifications subject to change.
Dimensions are shown for reference purposes only.

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:

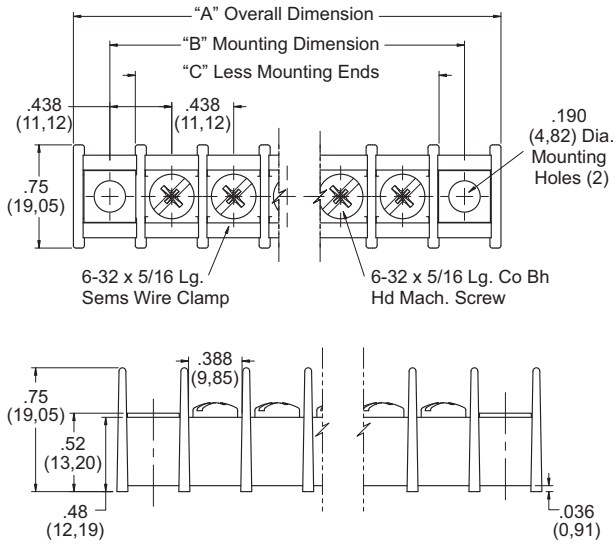
Material	Polypropylene
Continuous Use Temp. (UL Index)	105°C (221°F)
Flammability Rating	94V-0
Water Absorption (24 hrs. % wt. gain)	.03%

Breakdown Voltage:

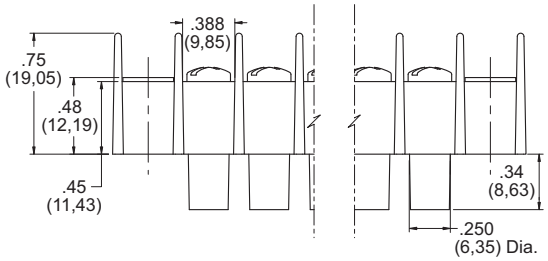
Terminal - Terminal	3000V
Terminal - Ground	3000V

Terminals: Brass - Tin Plated

Series 43000 Surface Mount With Mounting Ends



43000 Feed-Thru Series



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"

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

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

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

SPECIALS OR OPTIONAL DESIGNS
- 0 = None
- A-Z = Custom Configuration

Single Row

BARRIER STYLE

Series 43000 Accessories

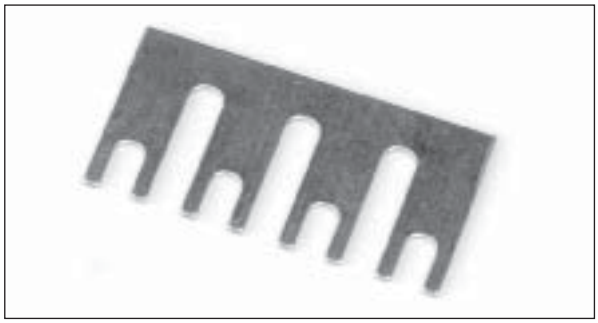
WIRE CLAMP
4300 – Wire clamp captivated to No. 6-32 or 8-32 screw eliminates need for lugs. Accepts up to No. 12AWG wire. May be ordered factory installed or loose.

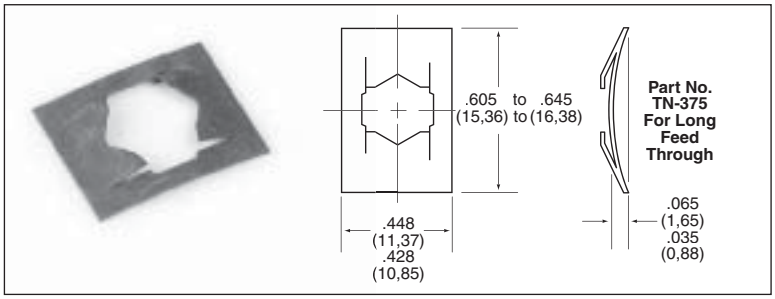
MARKING STRIPS
4300 – Pre-punched black fiber . . . mounts under block. May be imprinted to customer specifications.
To order, specify: Part No. 267A19-1 thru 26 (with mounting hole); Part No. 267A218-1 thru 28 (less mounting hole).

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-_ _ .





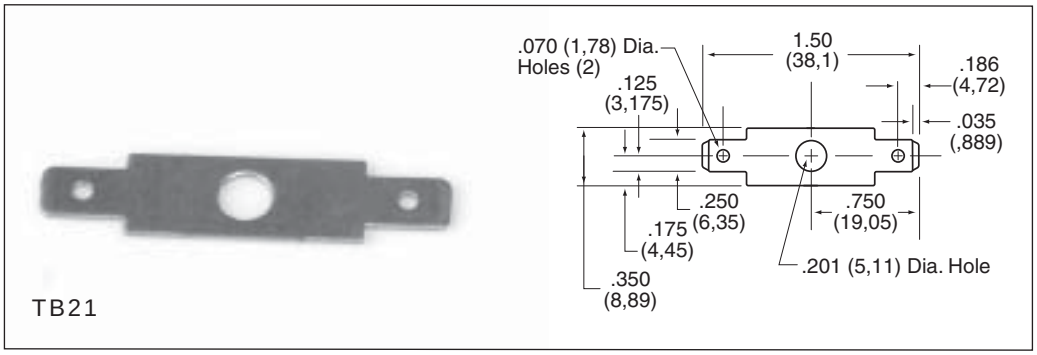
Curtis Industries
A Division of Powers Holdings, Inc.

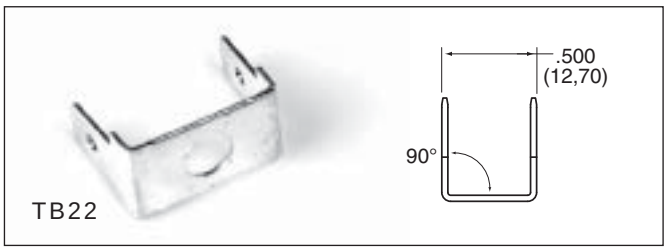
Specifications subject to change.
Dimensions are shown for reference purposes only.

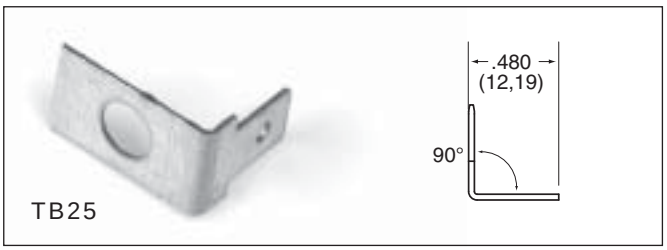
QUICK-CONNECT TERMINALS

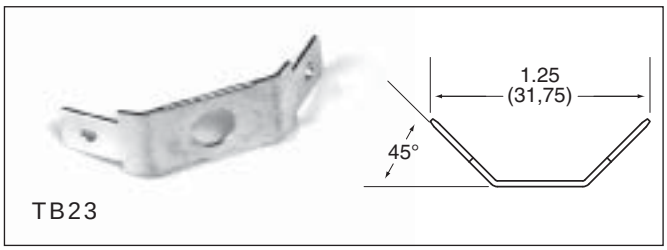
QUICK-CONNECT TERMINALS

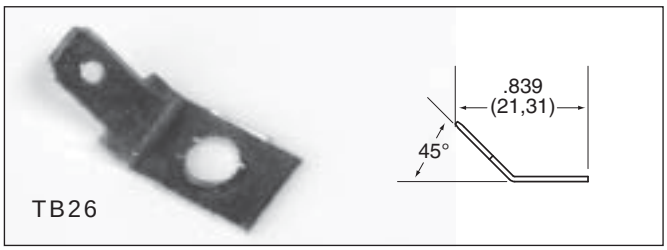
43000 – Available with .250" x .032" quick-connect tabs of tin-plated brass, held in place by terminal screws. Six styles . . . one to six terminations per pole. Factory-assembled or supplied bulk.

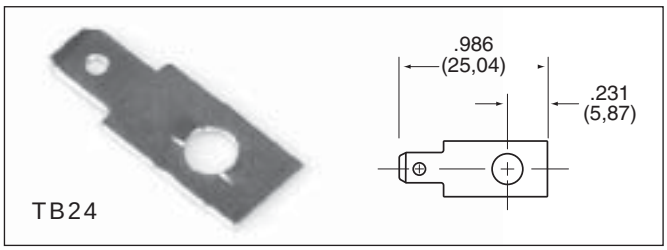




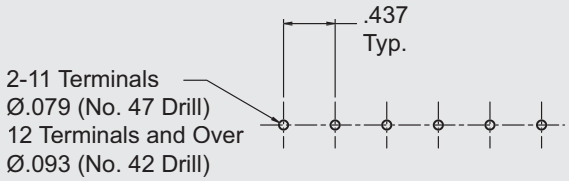




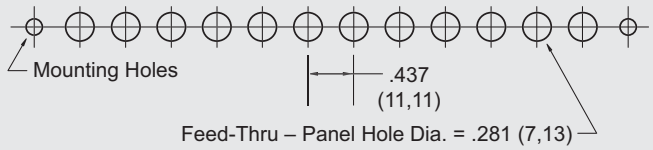




PC BOARD DRILLING DIMENSIONS



RECOMMENDED PANEL CUTOUT DIMENSIONS



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