

Series 1500

.375", 9.52mm Center-to-Center Spacing


Current Rating: UL - 30 amps
CSA - 15 amps


Voltage Rating:

CSA – 300V
UL – 150V – General Industrial
250V – Commercial Appliance
300V – Limited Energy Industrial

Breakdown Voltage:

Terminal - Terminal 3,400V Typ.
Terminal - Ground 7,300V 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 22

Wire Range: No. 22AWG to No. 10AWG (CSA requires use of lugs on wire larger than No. 16AWG.)

Tightening Torque: Wire Clamp and Wire Binding Screw
12 in.-lbs.

Housing:

Material	Polyphenylene Oxide
Continuous Use Temp. (UL Index)	110°C (230°F)
Flammability Rating	UL 94V-0



Features:

- **Flexible Hi-Temp Thermoplastic Terminal Blocks** – Self-extinguishing types which resists breakage and damage (conforms to UL 94V-0).
- **Terminal Flexibility** – Ideal for surface mount, sub-panel, or chassis connections in electronic/electrical circuit applications.
- **Economical Closed-Back Design** – No need for costly insulation strips.
- **Options** – No. 6-32 external twin screws. Variations include double solder lug, single solder lug, wire wrap, solder pin and printed circuit pin.
- **UL/CSA Electrical Ratings** – UL 30A, CSA 15A.
- **Recognition and Listing** – UL recognized and CSA certified.

INTERNAL TERMINAL DESIGNATIONS

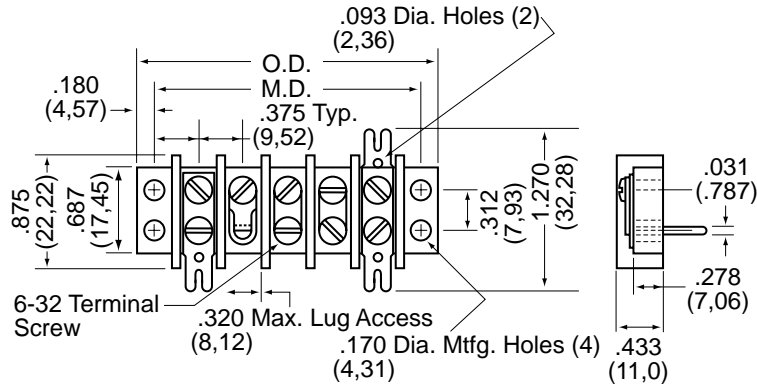
1500-Y	Printed circuit board design with .062" x .031" solderable tin-plated pin
1500-YWY	Feed-thru wire wrap

EXTERNAL TERMINAL DESIGNATIONS

1500	Screw terminal with No. 6-32 plated steel* screw accepting up to No. 10AWG wire
1500-ST	Solderable tin-plated double solder tab
1500-3/4ST	Solderable tin-plated single solder tab
1500-W	Wire clamp captivated to a No. 6-32 plated steel screw

* Other materials may be available – contact sales or your local representative for additional information.

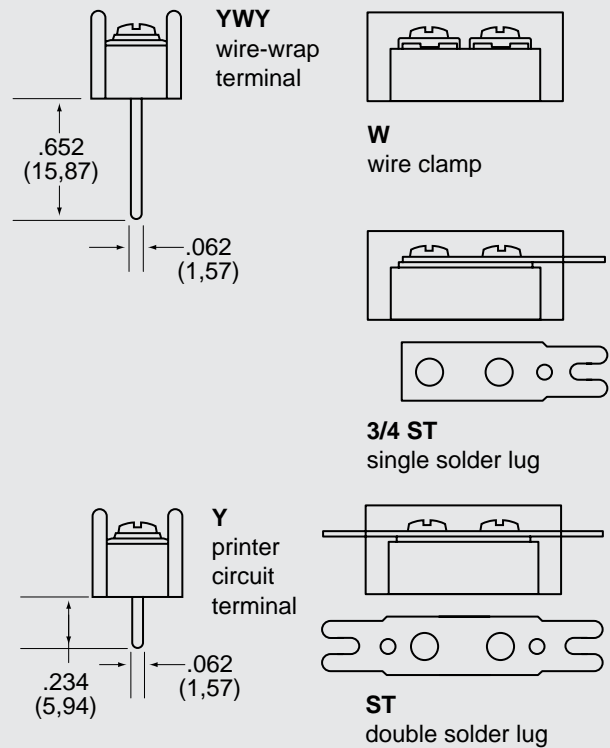
Mechanical Drawing

Series 1500
Dimensions

Number of Terminals	Mounting Dimensions		Overall Dimensions	
	Inches	Metric (mm)	Inches	Metric (mm)
1	.750	19.05	1.030	26.16
2	1.125	28.57	1.405	35.68
3	1.500	38.10	1.780	45.21
4	1.875	47.62	2.155	54.73
5	2.250	57.15	2.530	64.26
6	2.625	66.67	2.905	73.78
7	3.000	76.20	3.280	83.31
8	3.375	85.72	3.655	92.83
9	3.750	95.25	4.030	102.36
10	4.125	104.77	4.405	111.88
11	4.500	114.30	4.780	121.41
12	4.875	123.82	5.155	130.93
13	5.250	133.35	5.530	140.46
14	5.625	142.87	5.905	149.98
15	6.000	152.40	6.280	159.51
16	6.375	161.92	6.655	169.03
17	6.750	171.45	7.030	178.56
18	7.125	180.97	7.405	188.08
19	7.500	190.05	7.780	197.61
20	7.875	200.02	8.155	207.13
21	8.250	209.55	8.530	216.66
22	8.625	219.07	8.905	226.18

Dimensions Shown are ± 0.030 "

Series 1500 Variations



Part Number

How to Order

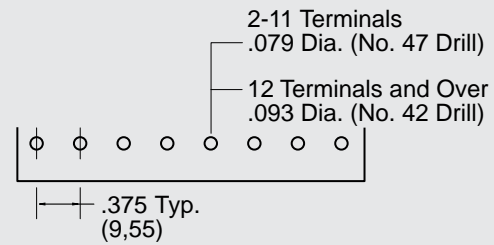
1500 Series terminal blocks are ordered by listing a composite number made up of the model designation in which the last two digits indicate the number of poles required for the application. Example: A 1500 10-terminal block becomes stock number 1510.

Suffixes are used as follows:

- ST double solder lug
- 3/4ST single solder lug
- Y printed circuit pin
- YWY feed-thru wire wrap
- W wire clamp

The 1510 described above, with double solder lug mounting thus converts to stock number 1510-ST. To specify quick-connect terminals, simply add the style number required. (See accessories.) May be purchased factory-assembled or customer-installed.

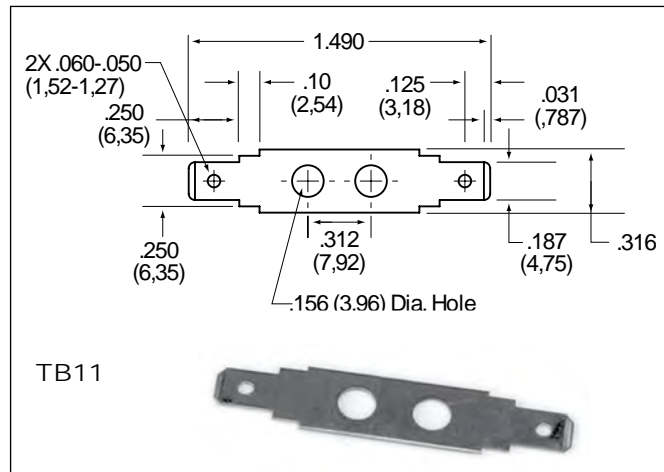
PC BOARD DRILLING DIMENSIONS



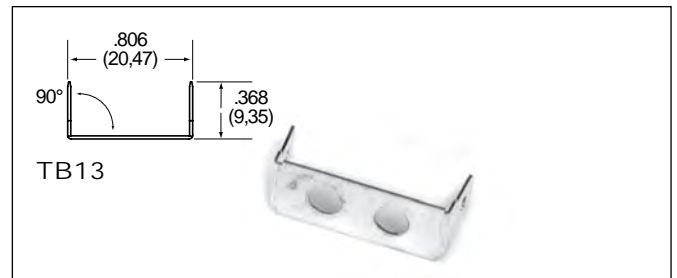
Accessories

QUICK-CONNECT TERMINALS

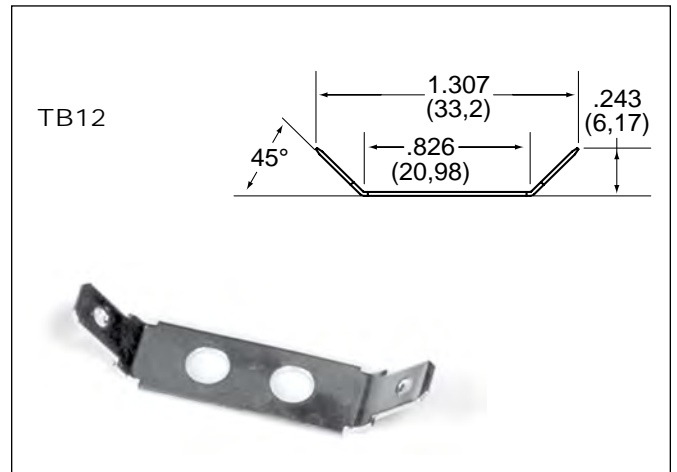
1500 – Available with .187" x .202" quick-connect tabs for 1500 series; Nine styles of tin-plated brass tabs held in place by terminal screws. Up to six terminations per pole. To order, specify: 1500 Series: Part No. TB11 through TB18



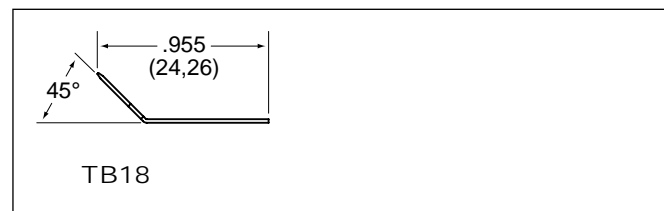
TB11



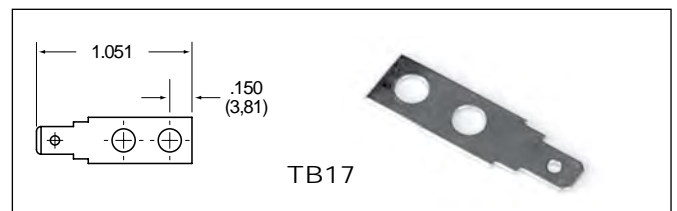
TB13



TB12



TB18



TB17

Accessories

**MARKING STRIPS**

Pre-punched black fiber mounts under block. May be imprinted to customer specifications.

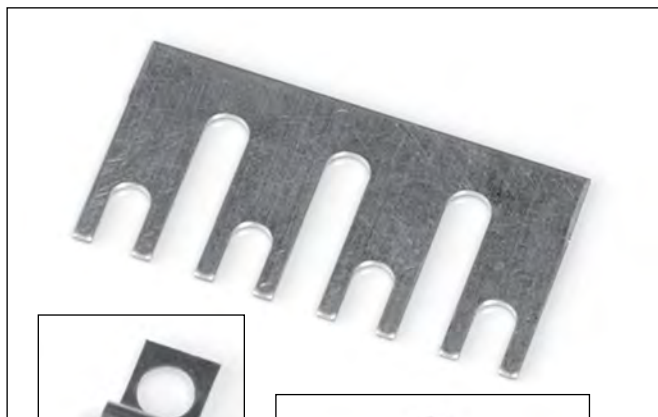
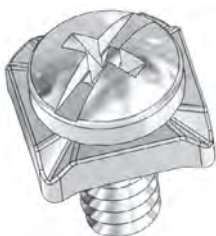
To order, specify:

1500 Series – Part No. 247A10-1 through 22 (0882240XX)

WIRE CLAMP

Wire clamp captivated to No. 6-32 screw eliminates need for lugs.

1500 Series – Part No. 058525700



Part No.
068240100



Part No. 068245100

Dual Row

**COVERS**

Rigid .030" thick self-extinguishing vinyl. Complete with spring clips for attaching to mounting positions. To order, specify:

1500 Series – Part No. 247B24-1 through 22 terminals (0195XX000)

TERMINAL BLOCK JUMPERS

1500 – Jumper is constructed of plated brass. "Rooster comb" design permits connections of two to 10 poles.

To order, specify: Part No. 278-A11 (plus no. of poles) (068434610)

Example: 278A11-10

Part No. 068240100 (Holes) or 068245100 (slots)
(2-pole jumper for 1500 only)