These easy-to-mount, multipurpose screw type terminals are a practical, low-cost alternative to PC screw type edge connectors, barrier blocks, terminal boards and terminal strips. Steadfast and easy to install, will accommodate solid or stranded wire, crimp type terminals or lugs. Multi-placement of these low-profile terminals make them ideally suited for high density packaging. Supplied unassembled or with screw installed and captivated.

PRINCIPAL FEATURES

- Low profile
- Stable, no-rock design with exclusive anti-rotational feature
- Easily mounts with four legs into pre-drilled or punched holes
- Accepts 14-22 AWG solid or stranded wire, crimp type terminals or lugs
- Ideally suited for high-density packaging
- Available in horizontal or vertical mounting
- Space-saving and time saving
- Easy accessibility for PC board testing
- Binding screw is positioned above board level to avoid wicking during wave soldering
- Terminals are made of Brass with Tin Plate
- Supplied with a combination drive 6-32 binding head screw

CAT. NO. COLOR SUFFIX
Ex: XXXX -X

COLOR SELECTION:
Select desired screw terminal and add color suffix to the screw terminal Cat. No.

HEAD COLOR	SUFFIX
RED	-2
BLACK	-3
WHITE	-4
BLUE	-5
GREEN	-6
YELLOW	-7
NICKEL	none

7693-5

7700

SCREW TERMINALS

HORIZONTAL TYPE

7692-2

SNAP-IN PC MOUNT
- Color coded screws available (add color screw suffix to Cat. No.)

6–32 x .250 [6.3] L. SCREW

.327 [8.3]   .452 [11.5]
.280 [7.1]   .312 [7.9]   .512 [13.0]
.295 [7.5]   .060 [1.52] (4) PLS
.138 [3.5]   .197 [5.0]

SPECIFICATIONS
Rated: 15 Amps
Terminal:
.032 (.81) Brass, Matte Tin Plate
Binding Head Screw:
Brass, Nickel Plate

Mounting Detail
.295 [7.5]
.197 [5.0]
.073 [1.85] DIA. (4) PLS

Color coded screws available (add color screw suffix to Cat. No.)

6–32 x .250 [6.3] L. SCREW

.327 [8.3]   .452 [11.5]
.280 [7.1]   .312 [7.9]   .512 [13.0]
.295 [7.5]   .060 [1.52] (4) PLS
.138 [3.5]   .197 [5.0]

7700-3

PC MOUNT
- Color coded screws available (add color screw suffix to Cat. No.)

CAT. NO. 7779 (No Screw Supplied)
CAT. NO. 7690 (Screw Supplied Unassembled)
**CAT. NO. 7692** (Screw Installed & Captivated)
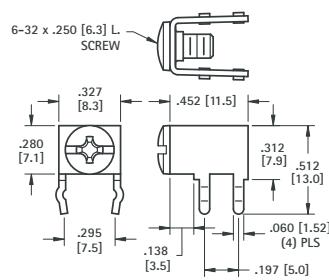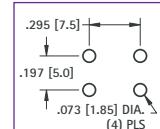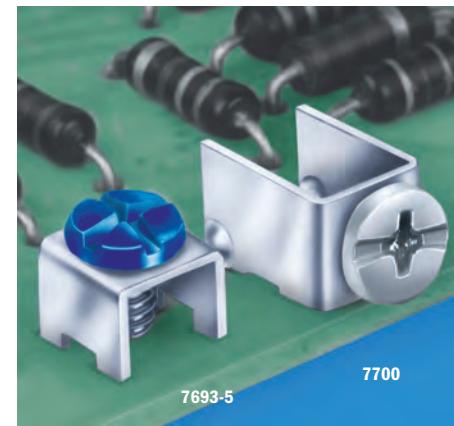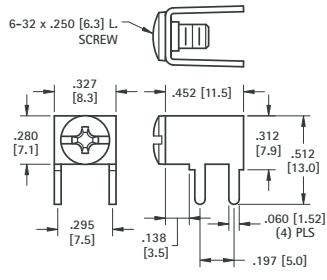
CAT. NO. 7781 (No Screw Supplied)
CAT. NO. 8190 (Screw Supplied Unassembled)
CAT. NO. 7700 (Screw Installed & Captivated)
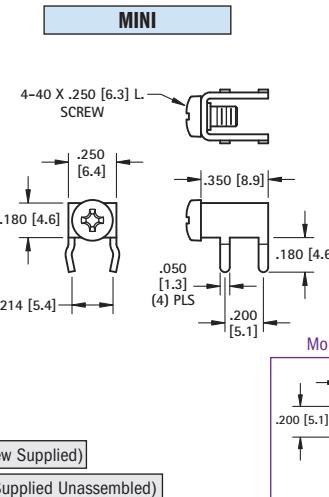
MINI

7773

SNAP-IN PC MOUNT

4–40 X .250 [6.3] L. SCREW

.250 [6.4]
.180 [4.6]   .350 [8.9]
.180 [4.6]
.050 [1.3] (4) PLS
.214 [5.4]   .200 [5.1]

Mounting Detail
.214 [5.4]
.200 [5.1]
.062 [1.57] DIA. (4) PLS

SPECIFICATIONS
Rated: 15 Amps
Terminal:
.032 (.81) Brass, Matte Tin Plate
Binding Head Screw:
Brass, Nickel Plate

45°

6–32 x .250 [6.3] L. SCREW

.450 [11.5]
45° REF.
.125 [3.2] REF.
.412 [10.5]   .555 [14.1]
.037 [1.0]   .060 [1.52] (4) PLS
.295 [7.5]   .130 [3.3]
.190 [4.9]   .200 [5.1]

7702-7

PC MOUNT
- Color coded screws available (add color screw suffix to Cat. No.)

Mounting Detail
.200 [5.1]
.295 [7.5]
.073 [1.85] DIA. (4) PLS
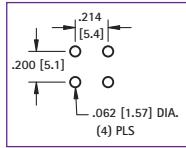
CAT. NO. 7774 (No Screw Supplied)
CAT. NO. 7773 (Screw Supplied Unassembled)
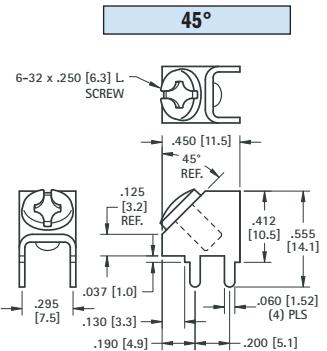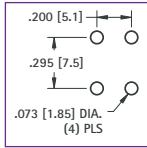
CAT. NO. 7783 (No Screw Supplied)
CAT. NO. 8189 (Screw Supplied Unassembled)
CAT. NO. 7702 (Screw Installed & Captivated)
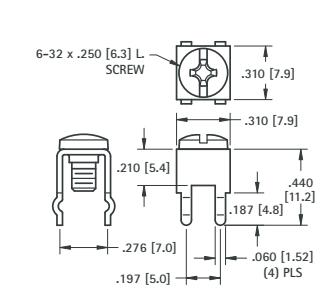
VERTICAL TYPE

7693-4

SNAP-IN PC MOUNT
- Color coded screws available (add color screw suffix to Cat. No.)

6–32 x .250 [6.3] L. SCREW

.310 [7.9]
.310 [7.9]
.210 [5.4]   .440 [11.2]
.187 [4.8]
.276 [7.0]   .060 [1.52] (4) PLS
.197 [5.0]

SPECIFICATIONS
Rated: 15 Amps
Terminal:
.032 (.81) Brass, Matte Tin Plate
Binding Head Screw:
Brass, Nickel Plate

Mounting Detail
.197 [5.0]
.276 [7.0]
.073 [1.85] DIA. (4) PLS

Color coded screws available (add color screw suffix to Cat. No.)

6–32 x .250 [6.3] L. SCREW

.310 [7.9]
.310 [7.9]
.210 [5.4]   .440 [11.2]
.197 [5.0]
.276 [7.0]   .060 [1.52] (4) PLS
.197 [5.0]

7701

PC MOUNT
- Color coded screws available (add color screw suffix to Cat. No.)
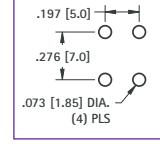
CAT. NO. 7780 (No Screw Supplied)
CAT. NO. 7691 (Screw Supplied Unassembled)
CAT. NO. 7693 (Screw Installed & Captivated)
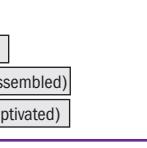
CAT. NO. 7782 (No Screw Supplied)
**CAT. NO. 8191** (Screw Supplied Unassembled)
CAT. NO. 7701 (Screw Installed & Captivated)

Tel (718) 956-8900 • Fax (718) 956-9040
(800) 221-5510 • kec@keyelco.com

KEYSTONE
RoHS COMPLIANT ~ ISO 9001 CERTIFIED

www.keyelco.com
31-07 20th Road – Astoria, NY 11105-2017

LOW PROFILE VERTICAL TYPE

7778-7

6-32 X .250 [6.3] L. SCREW

.343 [8.7]
.250 [6.3]
.250 [6.4]
.055 [1.4] (2) PLS
.187 [4.7]
.312 [7.9]

SPECIFICATIONS
Rated: 15 Amps
Terminal: .032 (.81) Brass, Matte Tin Plate
Binding Head Screw: Brass, Nickel Plate

6-32 x .250 [6.3] L. SCREW
.310 [7.9]
.310 [7.9]
.134 [3.4]
.276 [7.0]
.197 [5.0]
.059 [1.5] (4) PLS
.197 [5.0]

7775-2

- Color coded screws available (add color screw suffix to Cat. No.)

- Color coded screws available (add color screw suffix to Cat. No.)

Mounting Detail
.312 [7.9]
.067 [1.7] DIA. (2) PLS

Mounting Detail
.197 [5.0]
.144 [3.7] DIA.
.276 [7.0]
.062 [1.57] DIA. (4) PLS

CAT. NO. 7784 (No Screw Supplied)
CAT. NO. 8198 (Screw Supplied Unassembled)
CAT. NO. 7778 (Screw Installed & Captivated)
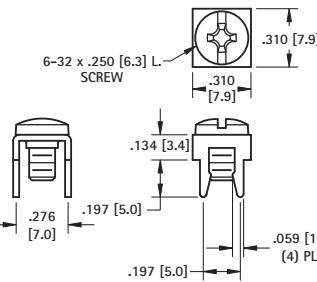
CAT. NO. 7785 (No Screw Supplied)
CAT. NO. 8195 (Screw Supplied Unassembled)
CAT. NO. 7775 (Screw Installed & Captivated)

VERTICAL TYPE

EXTENDED

7699-6

PC MOUNT

6-32 x .250 [6.3] L. SCREW
.310 [7.9]
.310 [7.9]
.718 [18.3]
.947 [24.1]
.197 [5.0]
.276 [7.0]
.060 [1.52] (4) PLS
.197 [5.0]

SPECIFICATIONS
Rated: 15 Amps
Terminal: .032 (.81) Brass, Mattte Tin Plate
Binding Head Screw: Brass, Nickel Plate

HEAVY DUTY

8174

10-32 X .375 [9.5] L. SCREW
.375 [9.5]
.382 [9.7]
.383 [9.7]
.209 [5.3]
.060 [1.5]
.341 [8.7]
.197 [5.0]

- Color coded screws available (add color screw suffix to Cat. No.)

Mounting Detail
.197 [5.0]
.276 [7.0]
.073 [1.85] DIA. (4) PLS

Mounting Detail
.197 [5.0]
.341 [8.7]
.073 [1.85] DIA. (4) PLS

CAT. NO. 7789 (No Screw Supplied)
CAT. NO. 7697 (Screw Supplied Unassembled)
CAT. NO. 7699 (Screw Installed & Captivated)

CAT. NO. 7791 (No Screw Supplied)
CAT. NO. 8174 (Screw Supplied Unassembled)
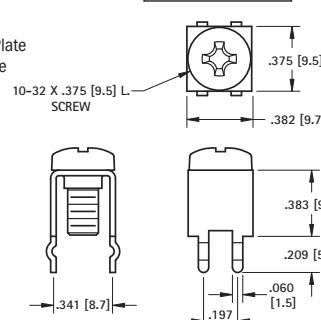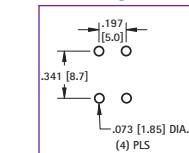
30 AMP - VERTICAL

8199-6

PRINCIPAL FEATURES
- Compact, heavy duty design
- Six snap-in legs for total stability
- Serrated top surface secures connection

.060 [1.5] (6) PLS
6-32 x .250 [6.3] L. SCREW
.310 [7.9]
.507 [12.9]
.250 [6.3]
.210 [5.3]
.276 7.0
.197 [5.0]
.394 [10.0]

HEAVY DUTY

8196

.060 [1.5] (6) PLS
10-32 x .375 [9.5] L. SCREW
.470 [11.9]
.470 [11.9]
.453 [11.5]
.226 [5.7]
.425 [10.8]
.205 [5.2]
.410 [10.4]

- Combination drive, binding head screw
- Color coded screws available (add color screw suffix to Cat. No.)

SPECIFICATIONS
Rated: 30 Amps
Terminal: .032 (.81) Brass, Matte Tin Plate
**Binding Head Screw:** Brass, Nickel Plate
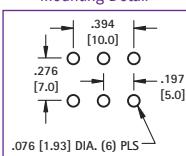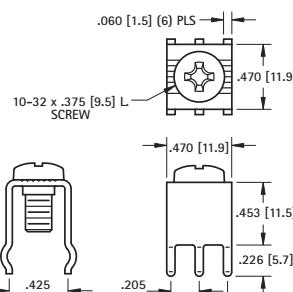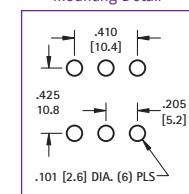
SPECIFICATIONS
Rated: 30 Amps
Terminal: .045 (1.14) Brass, Matte Tin Plate
Screw: Stainless Steel

Mounting Detail
.394 [10.0]
.276 [7.0]
.197 [5.0]
.076 [1.93] DIA. (6) PLS

Mounting Detail
.410 [10.4]
.425 10.8
.205 [5.2]
.101 [2.6] DIA. (6) PLS

CAT. NO. 7786 (No Screw Supplied)
CAT. NO. 8197 (Screw Supplied Unassembled)
CAT. NO. 8199 (Screw Installed & Captivated)

CAT. NO. 7787 (No Screw Supplied)
CAT. NO. 8196 (Screw Supplied Unassembled)

COLOR CODED SCREW TERMINAL SELECTION GUIDE

Color Coded Screw Terminals provide:
- Quick identification
- Visibility for field service troubleshooting

SPECIFICATIONS
Combination Binding Head: Standard screw is Brass, Nickel Plate. For painted, color head, add suffix as shown.

- Available for screw terminals where noted.

COLOR SELECTION:
Select desired screw terminal and add color suffix to the screw terminal Cat. No.

6-32 x .250 [6.3] L. THREAD

HEAD COLOR	SUFFIX
RED	-2
BLACK	-3
WHITE	-4
BLUE	-5
GREEN	-6
YELLOW	-7
NICKEL	none

CAT. NO. COLOR SUFFIX
Ex: XXXX -X

7699-6   **8199-2**   **7692-7**

7701   **7775-4**   **7693-5**   **7700-3**

Refer to page 133 for color screws only

SCREW TERMINALS
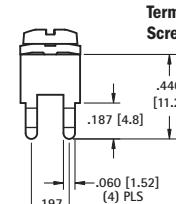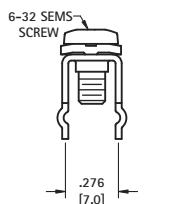
Tel (718) 956-8900 • Fax (718) 956-9040
(800) 221-5510 • kec@keyelco.com

KEYSTONE®
RoHS COMPLIANT ~ ISO 9001 CERTIFIED

www.keyelco.com
31-07 20th Road – Astoria, NY 11105-2017

63

SEMS SCREW TERMINALS

15 AMP

SNAP-IN PC MOUNT

6–32 SEMS SCREW

SPECIFICATIONS
Terminal: .032 (.81) Brass, Matte Tin Plate
Screw & Washer: Steel, Nickel Plate

.440 [11.2]
.187 [4.8]
.276 [7.0]
.197 [5.0]
.060 [1.52] (4) PLS
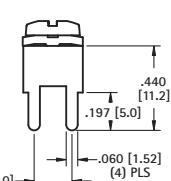
CAT. NO. 7691-SEMS (Screw Supplied Unassembled)
CAT. NO. 7693-SEMS (Screw Installed & Captivated)

6–32 SEMS SCREW

.440 [11.2]
.197 [5.0]
.276 [7.0]
.197 [5.0]
.060 [1.52] (4) PLS

PC MOUNT

CAT. NO. 8191-SEMS (Screw Supplied Unassembled)
CAT. NO. 7701-SEMS (Screw Installed & Captivated)

SPECIFICATIONS
Terminal: .032 (.81) Brass, Matte Tin Plate
Screw & Washer: Steel, Nickel Plate

SNAP-IN PC MOUNT

6–32 SEMS SCREW

.280 [7.1]
.452 [11.5]
.312 [7.9]
.512 [13.0]
.295 [7.5]
.138 [3.5]
.060 [1.52]
.197 [5.00]
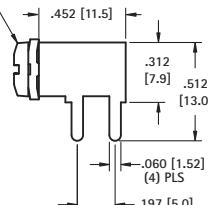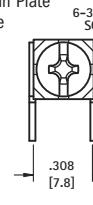
CAT. NO. 7690-SEMS (Screw Supplied Unassembled)
CAT. NO. 7692-SEMS (Screw Installed & Captivated)

6–32 SEMS SCREW

.452 [11.5]
.312 [7.9]
.512 [13.0]
.308 [7.8]
.060 [1.52] (4) PLS
.197 [5.0]

PC MOUNT

CAT. NO. 8190-SEMS (Screw Supplied Unassembled)
CAT. NO. 7700-SEMS (Screw Installed & Captivated)

SPECIFICATIONS
Terminal: .032 (.81) Brass, Matte Tin Plate
Screw & Washer: Steel, Nickel Plate

SNAP-IN PC MOUNT

6–32 SEMS SCREW

.134 [3.4]
.331 [8.4]
.276 [7.01]
.232 [5.9]
.059 [1.50] (4) PLS

CAT. NO. 8195-SEMS (Screw Supplied Unassembled)
CAT. NO. 7775-SEMS (Screw Installed & Captivated)

6–32 SEMS SCREW

.250 [6.4]
.437 [11.1]
.312 [7.9]
.055 [1.40] (2) PLS

PC MOUNT

CAT. NO. 8198-SEMS (Screw Supplied Unassembled)
CAT. NO. 7778-SEMS (Screw Installed & Captivated)
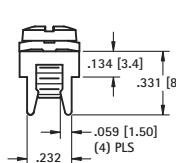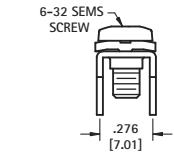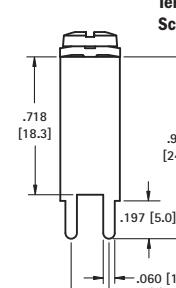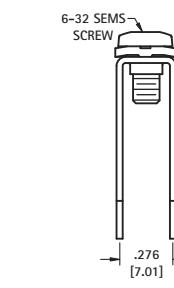
SPECIFICATIONS
Terminal: .032 (.81) Brass, Matte Tin Plate
Screw & Washer: Steel, Nickel Plate

PC MOUNT

6–32 SEMS SCREW

.718 [18.3]
.947 [24.1]
.197 [5.0]
.276 [7.01]
.060 [1.52] (4) PLS
.197 [5.0]
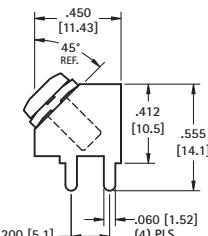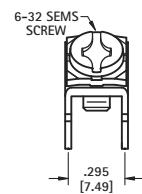
CAT. NO. 7697-SEMS (Screw Supplied Unassembled)
CAT. NO. 7699-SEMS (Screw Installed & Captivated)

6–32 SEMS SCREW

.450 [11.43]
45° REF.
.412 [10.5]
.555 [14.1]
.295 [7.49]
.200 [5.1]
.060 [1.52] (4) PLS

PC MOUNT

CAT. NO. 8189-SEMS (Screw Supplied Unassembled)
CAT. NO. 7702-SEMS (Screw Installed & Captivated)
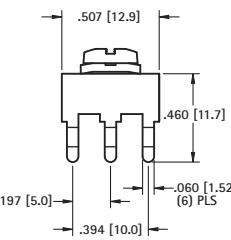
---

30 AMP

SNAP-IN PC MOUNT

6–32 SEMS SCREW

.507 [12.9]
.460 [11.7]
.276 [7.0]
.197 [5.0]
.060 [1.52] (6) PLS
.394 [10.0]

SPECIFICATIONS
Terminal: .032 (.81) Brass, Matte Tin Plate
Screw & Washer: Steel, Nickel Plate

**CAT. NO. 8197-SEMS** (Screw Supplied Unassembled)
**CAT. NO. 8199-SEMS** (Screw Installed & Captivated)

SEMS Screw Terminals provide quick and secure attachment of wire leads. SEMS screw has captivated, free spining lock washer, eliminated twisting of wire when tightening lead to terminal. Washer will rise with head of screw when unscrewed.

.310 [7.9] SQUARE
.266 [6.8] DIA.

6–32 THREAD
.250 [6.4]
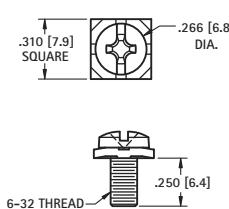
SPECIFICATIONS
Screw & Washer: Steel, Nickel Plate

CAT. NO. 9920 (SEMS Screw Only)

SEMS SCREW TERMINALS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Keystone Electronics](#):
  [7693-3](#) [7700-6](#) [7700-7](#) [7701-4](#) [7701-5](#)