PC SCREW TERMINALS

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.
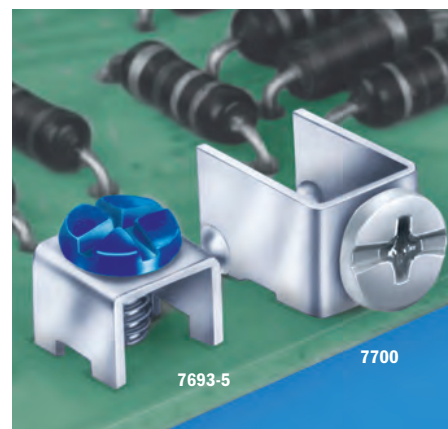
PRINCIPAL FEATURES

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

CAT. NO. COLOR SUFFIX
Ex: XXXX -X

COLOR SELECTION:
Select desired screw terminal and add color suffix to the screw terminal Cat. No.
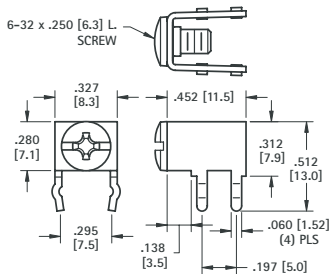
HEAD COLOR	SUFFIX
RED	-2
BLACK	-3
WHITE	-4
BLUE	-5
GREEN	-6
YELLOW	-7
NICKEL	none

7693-5   7700

SCREW TERMINALS

HORIZONTAL TYPE

7692-2

SNAP-IN PC MOUNT

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] .138 [3.5] .060 [1.52] (4) PLS
.197 [5.0]

SPECIFICATIONS
Rated: 15 Amps
Terminal:
.032 (.81) thick Brass, 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]
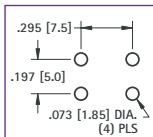.295 [7.5] .138 [3.5] .060 [1.52] (4) PLS
.197 [5.0]

7700-3

PC MOUNT

CAT. NO. 7779 (Supplied Less Screw)
CAT. NO. 7690 (Screw Supplied Unassembled)
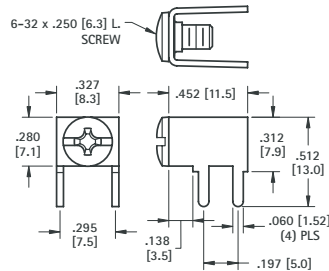**CAT. NO. 7692** (Screw Installed & Captivated)

CAT. NO. 7781 (Supplied Less Screw)
CAT. NO. 8190 (Screw Supplied Unassembled)
CAT. NO. 7700 (Screw Installed & Captivated)

VERTICAL TYPE

7693-4

SNAP-IN PC MOUNT

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) thick Brass, 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

CAT. NO. 7780 (Supplied Less Screw)
CAT. NO. 7691 (Screw Supplied Unassembled)
CAT. NO. 7693 (Screw Installed & Captivated)
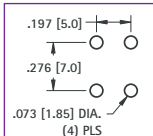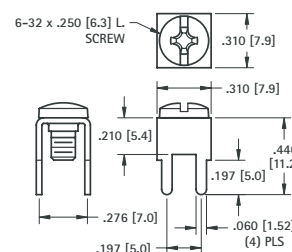
CAT. NO. 7782 (Supplied Less Screw)
CAT. NO. 8191 (Screw Supplied Unassembled)
CAT. NO. 7701 (Screw Installed & Captivated)

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) thick Brass, Tin Plate
Binding Head Screw:
Brass, Nickel Plate

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

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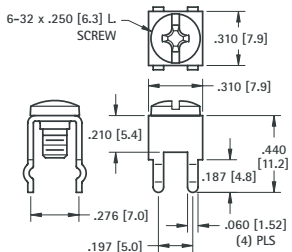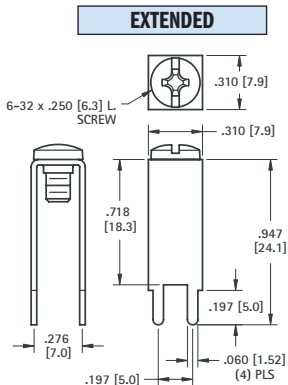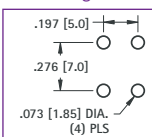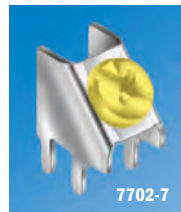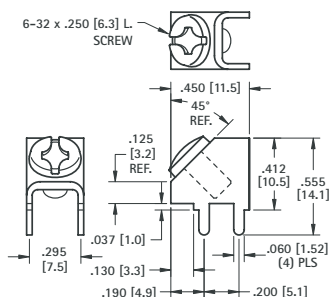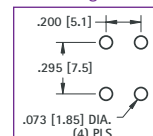
.197 [5.0]
.276 [7.0]
.073 [1.85] DIA. (4) PLS

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]
.295 [7.5]
.130 [3.3]
.190 [4.9]
.200 [5.1]
.060 [1.52] (4) PLS

7702-7

PC MOUNT

Mounting Detail

.200 [5.1]
.295 [7.5]
.073 [1.85] DIA. (4) PLS

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

CAT. NO. 7783 (Supplied Less Screw)
CAT. NO. 8189 (Screw Supplied Unassembled)
CAT. NO. 7702 (Screw Installed & Captivated)

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.

6–32 x .250 [6.3] L. THREAD

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

CAT. NO. COLOR SUFFIX
Ex: XXXX -X

7699-6   8199-2   7692-7
7701   7775-4   7693-5   7700-3

Refer to page 123 for color screws only

- Available for screw terminals where noted.

These easy to mount screw terminals are ideally suited for high density packaging and are available unassembled or with the screw installed and captivated. They are a practical alternative to PC screw type edge connectors, barrier blocks, terminal boards and terminal strips.
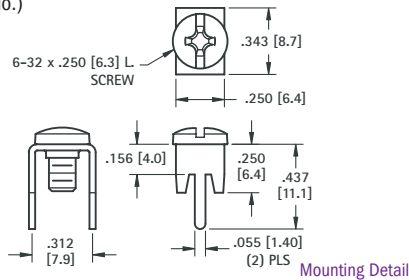
A practical, low-cost alternative to PC screw type edge connectors, barrier blocks, terminal boards and terminal strips. Supplied unassembled or with screw installed and captivated.

PRINCIPAL FEATURES
- Low profile
- Stable, no-rock design
- Easily mounts in pre-drilled or stamped holes
- Accepts 12-22 AWG solid or stranded wire, crimp type terminals or lugs
- Space saving and time saving
- Combination drive, binding head screw
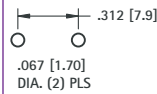- Color coded screws available (add color screw suffix to Cat. No.)

7778-7

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

6–32 x .250 [6.3] L. SCREW
.343 [8.7]
.250 [6.4]
.156 [4.0]
.250 [6.4]
.437 [11.1]
.312 [7.9]
.055 [1.40] (2) PLS

Mounting Detail
.312 [7.9]
.067 [1.70] DIA. (2) PLS

| CAT. NO. 7784 (Supplied Less Screw) |
| CAT. NO. 8198 (Screw Supplied Unassembled) |
| CAT. NO. 7778 (Screw Installed & Captivated) |

PRINCIPAL FEATURES
- Low profile
- Stable, no-rock design with exclusive anti-rotational feature
- Ideally suited for high-density packaging
- Space saving and time saving
- Combination drive, binding head screw
- Color coded screws available (add color screw suffix to Cat. No.)

7775-2

SPECIFICATIONS
Rated: 15 Amps
Terminal: .032 (.81) thick Brass, 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]
.331 [8.4]
.118 [3.0]
.276 [7.0]
.059 [1.50] (4) PLS
.197 [5.0]
.232 [5.9]

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

| CAT. NO. 7785 (Supplied Less Screw) |
| CAT. NO. 8195 (Screw Supplied Unassembled) |
| CAT. NO. 7775 (Screw Installed & Captivated) |

A practical, low-cost alternative to PC screw type edge connectors, barrier blocks, terminal boards and terminal strips. Supplied unassembled or with screw installed and captivated.
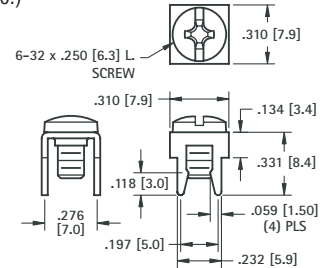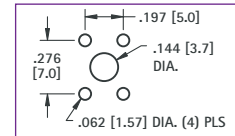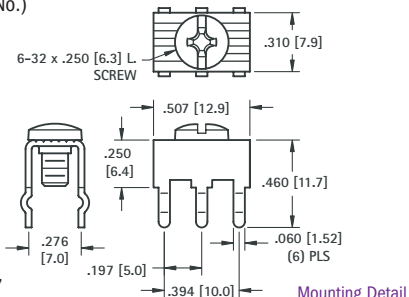
PRINCIPAL FEATURES
- Compact, heavy duty design
- Six snap-in legs for total stability
- Serrated top surface secures connection
- Combination drive, binding head screw
- Color coded screws available (add color screw suffix to Cat. No.)

8199-6

SPECIFICATIONS
Rated: 30 Amps
Terminal: .032 (.81) thick Brass, Tin Plate
Binding Head Screw:
Brass, Nickel Plate

6–32 x .250 [6.3] L. SCREW
.310 [7.9]
.507 [12.9]
.250 [6.4]
.460 [11.7]
.276 [7.0]
.060 [1.52] (6) PLS
.197 [5.0]
.394 [10.0]

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

| CAT. NO. 7786 (Supplied Less Screw) |
| CAT. NO. 8197 (Screw Supplied Unassembled) |
| CAT. NO. 8199 (Screw Installed & Captivated) |
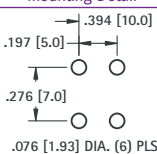
HEAVY DUTY

This heavy duty screw terminal has been designed to carry 30 Amps, while maintaining a space saving compact profile, making it ideal for high density packaging.
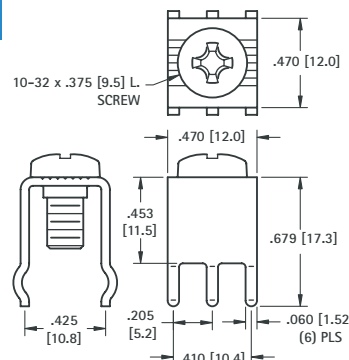
PRINCIPAL FEATURES
- Compact, heavy duty design
- Six snap-in legs for total stability
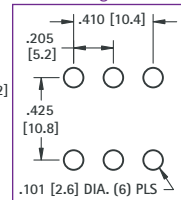- Serrated top surface secures connection

SPECIFICATIONS
Rated: 30 Amps
Terminal:
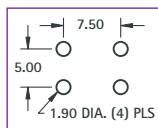.045 (1.14) thick Brass, Tin Plate
Screw: Stainless Steel

10–32 x .375 [9.5] L. SCREW
.470 [12.0]
.470 [12.0]
.453 [11.5]
.679 [17.3]
.425 [10.8]
.205 [5.2]
.060 [1.52] (6) PLS
.410 [10.4]

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

| CAT. NO. 7787 (Supplied Less Screw) |
| CAT. NO. 8196 (Screw Supplied Unassembled) |

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
55

SPECIFICATIONS
Rated: 15 Amps
Terminal: 0.81 thick Brass, Tin Plate
Binding Head Screw: Brass, Nickel Plate

M3 x 6.35 L. SCREW

8.30
7.10
7.50
11.50
7.90
13.00
3.50
1.50 (4) PLS
5.00

Mounting Detail
7.50
5.00
1.90 DIA. (4) PLS

8.00
M3 x 6.35 L. SCREW

8.00
5.30
11.20
4.75
7.00
1.50 (4) PLS
5.00

Mounting Detail
5.00
7.00
1.85 DIA. (4) PLS

CAT. NO. 7790 (Supplied Less Screw)
CAT. NO. 7689 (Screw Supplied Unassembled)
CAT. NO. 7695 (Screw Installed & Captivated)

M3 HORIZONTAL

NOTE: All dimensions are in millimeters

M3 VERTICAL

CAT. NO. 7788 (Supplied Less Screw)
CAT. NO. 7698 (Screw Supplied Unassembled)
CAT. NO. 7696 (Screw Installed & Captivated)

LOW PROFILE SCREW TERMINALS

These sturdy, low cost screw terminals, feature an anti-rotation tab for use with spade terminals.
They are available with the screw installed and captivated, the screw unassembled or without a screw.

6-32

PRINCIPLE FEATURES
- Easy to connect using solid or stranded wire, crimp lugs or terminals
- Anti-rotation tab for use with spade terminals
- Supplied with screw installed and captivated, with screw unassembled, or without screw
- Stainless steel screw will not wick

.375 [9.5] DIA.
6-32 x .250 [6.3] L. SCREW
.094 [2.4]
.156 [4.0]
.062 [1.57]
.187 [4.8]
.328 [8.4]
.100 [2.6]

.437 [11.1] DIA.
.375 [9.6]
.156 [4.0]
10-32 x .250 [6.3] L. SCREW
.250 [6.4]
.093 [2.36]
.187 [4.8]
.406 [10.3]
.125 [3.2]

10-32

SPECIFICATIONS
Rated: 15 Amps
Terminal: .032 (.81) thick Brass, Tin Plate
Screw: Combination drive, Stainless Steel

CAT. NO. 1284 (Supplied Less Screw)
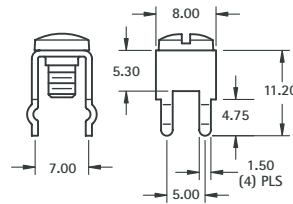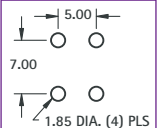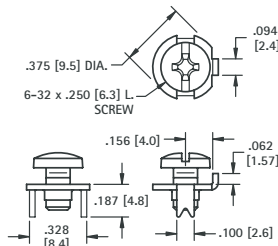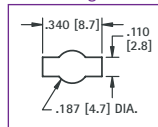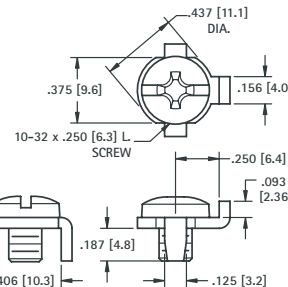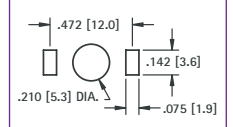**CAT. NO. 1298** (Screw Supplied Unassembled)
CAT. NO. 1201 (Screw Installed & Captivated)

Mounting Detail
.340 [8.7]
.110 [2.8]
.187 [4.7] DIA.

SPECIFICATIONS
Rated: 30 Amps
Terminal: .062 (1.6) thick Brass, Tin Plate
Screw: Combination drive, Stainless Steel

CAT. NO. 1293 (Supplied Less Screw)
CAT. NO. 1299 (Screw Supplied Unassembled)
CAT. NO. 1202 (Screw Installed & Captivated)

Mounting Detail
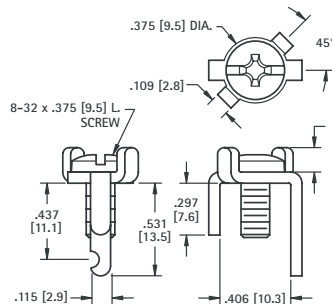.472 [12.0]
.142 [3.6]
.210 [5.3] DIA.
.075 [1.9]

HEAVY DUTY SCREW TERMINALS

These heavy duty terminals are available with the screw installed or unassembled, and feature easy access to connect solid or stranded wire, crimp type lugs or terminals.

8-32

PRINCIPLE FEATURES
- Anti-rotation tab for use with spade terminals
- Below the board notched leg, to facilitate mechanical and solder connections
- Easy to connect using solid or stranded wire, crimp lugs or terminals
- Available with screw installed, unassembled, or without screw

.375 [9.5] DIA.
45°
8-32 x .375 [9.5] L. SCREW
.109 [2.8]
.140 [3.6]
.437 [11.1]
.531 [13.5]
.297 [7.6]
.115 [2.9]
.406 [10.3]

.375 [9.5] DIA.
45°
10-32 x .375 [9.5] L. SCREW
.109 [2.8]
.140 [3.6]
.437 [11.1]
.531 [13.5]
.297 [7.6]
.115 [2.9]
.406 [10.3]

10-32

SPECIFICATIONS
Rated: 15 Amps
Terminal: .064 (1.6) thick Brass, Tin Plate
Screw: Brass, Nickel Plate

CAT. NO. 1205 (Supplied Less Screw)
CAT. NO. 1207 (Screw Supplied Unassembled)
CAT. NO. 1209 (Screw Installed)

Mounting Detail
.470 [12.0]
.126 [3.2]
.210 [5.3] DIA.
.077 [1.96]
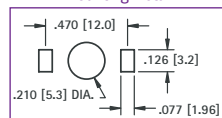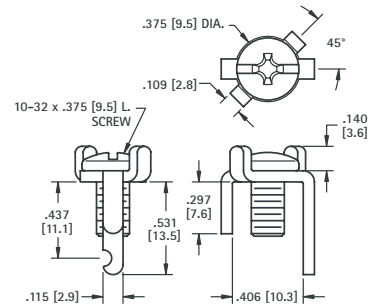
SPECIFICATIONS
Rated: 30 Amps
Terminal: .064 (1.6) thick Brass, Tin Plate
Screw: Steel, Nickel Plate

CAT. NO. 1206 (Supplied Less Screw)
CAT. NO. 1208 (Screw Supplied Unassembled)
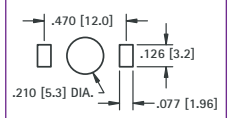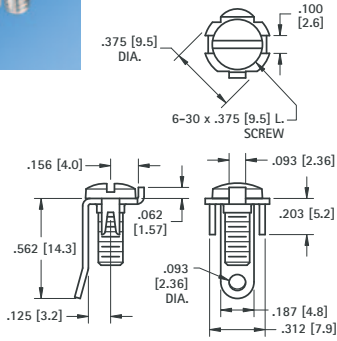**CAT. NO. 1283** (Screw Installed)

Mounting Detail
.470 [12.0]
.126 [3.2]
.210 [5.3] DIA.
.077 [1.96]

SCREW TERMINALS

Tel (718) 956-8900 • Fax (718) 956-9040
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KEYSTONE
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31-07 20th Road – Astoria, NY 11105-2017

OFFSET LEG

6-32

.375 [9.5] DIA.
.100 [2.6]
6–30 x .375 [9.5] L. SCREW
.156 [4.0]
.062 [1.57]
.562 [14.3]
.093 [2.36] DIA.
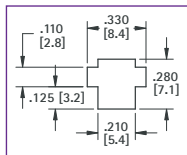.125 [3.2]
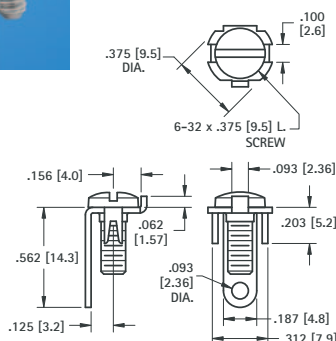.093 [2.36]
.203 [5.2]
.187 [4.8]
.312 [7.9]

SPECIFICATIONS
Terminal: .032 (.81) thick Steel, Tin Plate
Screw: Steel, Nickel Plate
(Screw Installed & Captivated)

CAT. NO. 1248

Mounting Detail
.110 [2.8]
.330 [8.4]
.125 [3.2]
.280 [7.1]
.210 [5.4]

STRAIGHT LEG

6-32

.375 [9.5] DIA.
.100 [2.6]
6–32 x .375 [9.5] L. SCREW
.156 [4.0]
.062 [1.57]
.562 [14.3]
.093 [2.36] DIA.
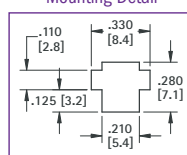.125 [3.2]
.093 [2.36]
.203 [5.2]
.187 [4.8]
.312 [7.9]

SPECIFICATIONS
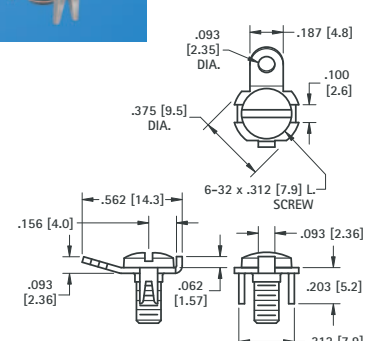**Terminal:** .032 (.81) thick Steel, Tin Plate
Screw: Steel, Nickel Plate
(Screw Installed & Captivated)

CAT. NO. 1215

Mounting Detail
.110 [2.8]
.330 [8.4]
.125 [3.2]
.280 [7.1]
.210 [5.4]

SOLDER TAB

6-32

.093 [2.35] DIA.
.187 [4.8]
.100 [2.6]
.375 [9.5] DIA.
6–32 x .312 [7.9] L. SCREW
.156 [4.0]
.562 [14.3]
.093 [2.36]
.062 [1.57]
.093 [2.36]
.203 [5.2]
.312 [7.9]

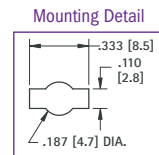**SPECIFICATIONS**
Terminal: .032 (.81) thick Steel, Tin Plate
Screw: Steel, Nickel Plate
(Screw Installed & Captivated)

CAT. NO. 1232

Mounting Detail
.333 [8.5]
.110 [2.8]
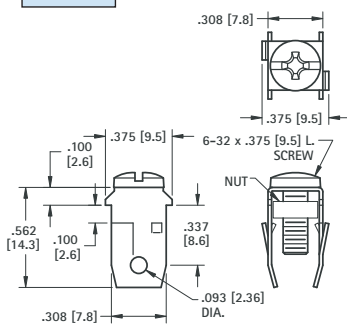.187 [4.7] DIA.

SNAP-FIT SCREW TERMINALS

SOLDER

.308 [7.8]
.375 [9.5]
.100 [2.6]
.375 [9.5]
6–32 x .375 [9.5] L. SCREW
NUT
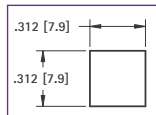.562 [14.3]
.100 [2.6]
.337 [8.6]
.093 [2.36] DIA.
.308 [7.8]

SPECIFICATIONS
Terminal: .020 (.51) thick Spring Steel, Tin Plate
Screw: Steel, Zinc Plate,
(Screw Installed & Captivated)

CAT. NO. 1272

.187 (9.8) QUICK-FIT

.308 [7.8]
.375 [9.5]
6–32 x .375 [9.5] L. SCREW
.100 [2.6]
.375 [9.5]
NUT
.562 [14.3]
.100 [2.6]
.337 [8.6]
.937 [23.8]
.093 [2.36] DIA.
.040 [1.00] x .100 [2.5] SLOT
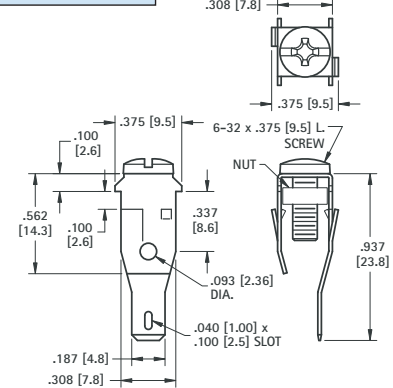.187 [4.8]
.308 [7.8]

Mounting Detail
.312 [7.9]
.312 [7.9]

SPECIFICATIONS
Terminal: .020 (.51) thick Spring Steel, Tin Plate
Screw: Steel, Zinc Plate,
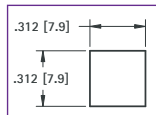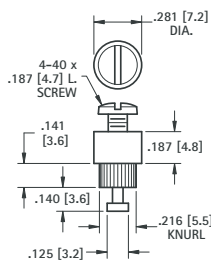(Screw Installed & Captivated)

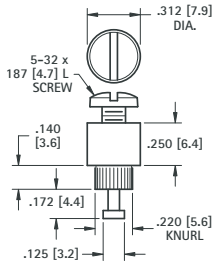**CAT. NO. 1273**

BINDING POST TERMINALS (RIVET TYPE)

4-40

.281 [7.2] DIA.
4–40 x .187 [4.7] L. SCREW
.141 [3.6]
.187 [4.8]
.140 [3.6]
.216 [5.5] KNURL
.125 [3.2]

FOR .093 (2.38) BOARD

SPECIFICATIONS
Terminal: Brass, Tin Plate
Screw: Steel, Zinc Plate
(Screw Supplied Unassembled)
Mounting Hole: .220 (5.6)

CAT. NO. 1537

6-32

.312 [7.9] DIA.
5–32 x .187 [4.7] L. SCREW
.140 [3.6]
.250 [6.4]
.172 [4.4]
.220 [5.6] KNURL
.125 [3.2]

FOR .093 (2.38) BOARD

SPECIFICATIONS
Terminal: Brass, Tin Plate
Screw: Steel, Zinc Plate
(Screw Supplied Unassembled)
Mounting Hole: .225 (5.7)

CAT. NO. 1535

8-32

.343 [8.7] DIA.
8–32 x .187 [4.7] L. SCREW
.171 [4.4]
.312 [7.9]
.204 [5.2]
.250 [6.4] KNURL
.145 [3.7]

FOR .125 (3.2) BOARD

SPECIFICATIONS
Terminal: Brass, Tin Plate
Screw: Steel, Zinc Plate
(Screw Supplied Unassembled)
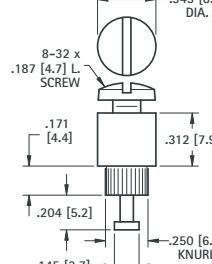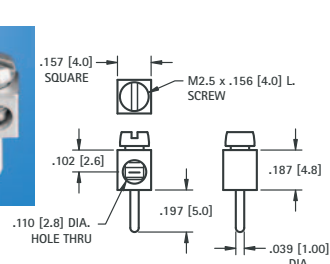**Mounting Hole:** .255 (6.5)

CAT. NO. 1536

MINI BINDING POST

M2.5

.157 [4.0] SQUARE
M2.5 x .156 [4.0] L. SCREW
.102 [2.6]
.110 [2.8] DIA. HOLE THRU
.197 [5.0]
.187 [4.8]
.039 [1.00] DIA.

SPECIFICATIONS
Terminal: Brass, Tin Plate
Screw: Steel, Zinc Plate
(Screw Supplied Unassembled)
Mounting Hole: .047 (1.2)

CAT. NO. 8730

SCREW TERMINALS

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