

**0.4375" PITCH  
SERIES SSB7**

**ORDERING INFORMATION**

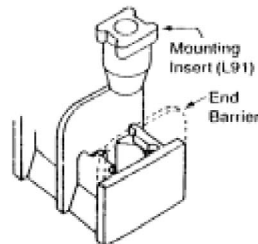
**SSB 7 F P 06 02 02 11**  
A B C D E F G H

**A Single Screw Tri-Barrier Strip SSB**

**B Contact Spacing (Center-to-Center)**  
 7=.4375 (7/16)

**C Base Options**  
**C**=Closed Base  
**F**=Flat Base  
**R**=Raised Base, Narrow Profile (with 02 & 04 terminal style only)  
**T**=Turret Base (Available only with 01, 04, 05, 07, 12, 13, 15 style bottom terminals)  
**U**=Turret Base, Narrow Profile (Available only with 01, 04, 05, 07, 12, 13, 15 style bottom terminals on SSB7)

**D Mounting Options**  
 (See illustration below)  
**E**=Open end positions, with mounting inserts, with end barriers  
**F**=Open end positions, without mounting inserts, without end barriers  
**G**=Open end positions, with mounting inserts, without end barriers  
**H**=All positions filled with contacts, without end barriers  
**M**=Open end positions, without mounting inserts, with end barriers  
**P**=All positions filled with contacts, with end barriers



**E No. of Circuits (Not Positions)**  
 Must conform to mounting options  
**02** to **32** circuits (P & H mounting)  
**02** to **30** circuits (M, E, F & G mounting)

**Terminal Style**  
**01**=Solder Tail  
**02**=Printed Circuit Pin  
**03**=Non-Feedthrough (with C base only)  
**04**=Extended Printed Circuit Pin  
**05**=Quick Connects  
**06**=90° bend, .46" x .11" (with F base only)  
**07**=Wire Wrap  
**08**=90° bend, .75" x .11" (with F base only)  
**09**=Extra-Long Terminal  
**12**=90° bend, .21" x .65"  
**13**=90° bend, .36" x .50"  
**14**=90° bend, .41" x .16" (with F base only)  
**15**=90° bend, .51" x .35"  
**16**=90° bend, .32" x .25" (with F base only)

**Top Hardware Options**  
**00**=No top hardware (Separately packaged binding head screws supplied at no cost)  
**01**=Bright zinc and chromate plated steel binding head screw  
**02**=Bright zinc and chromate plated steel screw and captive clamp - Do not order with other top hardware  
**03**=Stainless steel binding head screw  
**04**=Nickel plated brass binding head screw  
**09**=Nickel plated brass screw and captive clamp - Do not order with other top hardware  
**10**=Yellow chromate plated steel binding head screw.

**11**=Yellow chromate plated steel screw and captive clamp - Do not order in combination with other top hardware.  
**80**=Single sided solder tab  
**81**=Double sided solder tab

**Quick-Connect Blades**  
 (supplied with 01 screw)

.110 wide	.187 wide
x.020	x.020
thick	thick
20	40=
21	41=
22	42=
23	43=
24	44=
25	45=
26	46=
27	47=
28	48=
29	49=
30	50=
31	51=
32	52=
33	53=
34	54=
35	55=
36	56=

**h Circuit Identification Options**  
**(Blank)**=No circuit identification

<b>11</b> = 12345...
<b>12</b> = ...54321
<b>13</b> = - - - - -
<b>14</b> = . . . . .
<b>15</b> = ...12345...
<b>16</b> = ...54321

## 0.4375" PITCH SERIES SSB7 OPTIONS

### CONTACT SPACING OPTIONS:

#### .4375 in (7/16") Spacing

Extra thick barriers provide higher voltage rating. Up to 27 ckt. (25 circuits for end mounted blocks)

### BASE OPTIONS:

#### Closed Base

**CATALOG LETTER CODE:**  
C. For terminal junction blocks requiring top connections only. Useful in applications requiring single point circuit terminations or circuit completion via top mounted, single and two sided quick connects. Replace double row barrier strips.



#### Flat Base

**CATALOG LETTER CODE:**  
F. Leads itself most readily to applications where direct top-to-bottom feed-through is required with no special requirement for circuit isolation on the bottom side. The most common example of this is printed circuit board mounting.



#### Raised Base

**Catalog code SSB7R.** Standoffs between each circuit raise block .030" above mounting surface to allow flux and solvents to drain during soldering operations. Available only with 02 and 04 bottom terminals.

#### Turrent Base

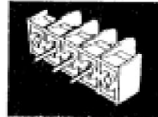
**CATALOG LETTER CODE:**  
T. Combines top-to-bottom feed-through with bottom-side circuit isolation for panels up to .126" thick. Turrent bases are available with the following terminals: solder tail, quick connect, machine wrap, extended circuit board terminal, and right angle.



### MOUNTING OPTIONS:

#### End Position Mounting

**CATALOG LETTER CODES:** E, F, G on M. Supplied without contacts in end sections to allow installer to mount blocks with screws in end section holes. Base of block will support mounting screws (Codes F & M). Also available with mounting inserts installed in end mounting holes to raise mounting screw heads to the level of other top hardware (Codes E & G).



#### Without End Barriers

**CATALOG LETTER CODES:** F, G & H. Facilitates mounting-screw access when end sections are used for mounting.

#### Direct Mounting

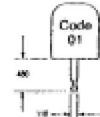
**CATALOG LETTER CODES:** P & H. SSBs may be solder mounted using the bottom terminals themselves, as in the case of printed circuit board applications.

Direct mounting is also possible with turret base models using press-on retainer clips (Catalog No. L97) on turrets.

### TERMINAL STYLE:

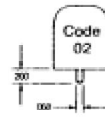
#### Solder Tail

**CATALOG NUMBER CODE:** 01. For applications requiring a wrapped solder connection.



#### Printed Circuit Pin

**CATALOG NUMBER CODE:** 02. Designed specifically for mounting on .063" thick circuit board. Special, readily solderable plating permits good fillet development in automated soldering processes.



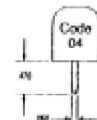
#### Non-Feed-Through

**CATALOG NUMBER CODE:** 03. With closed base option only.



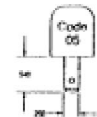
#### Extended Printed Circuit Pin

**CATALOG NUMBER CODE:** 04. Useful where extra length is needed, as in thicker printed circuit boards or single-wrap connections.



#### Quick Connect

**CATALOG NUMBER CODE:** 05. .250 in. wide x .032" thick blades accept .250" female quick connects.

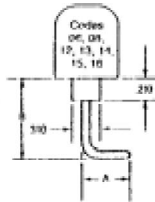


## 0.4375" PITCH SERIES SSB7 OPTIONS

### MOUNTING POSITION:

#### Right Angle

CATALOG NUMBER CODES: 06, 08, 12, 13, 14, 15, 16. Seven variations of right angle contacts are available. Designed for circuit board and panel applications, this option saves space when printed-circuit boards are stacked closely together. It provides access to top connections in restricted spaces. Mount with (Catalog No. L92).

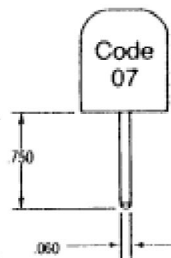


CATALOG NO. CODE	A IN.	B IN.
06"	0.46	0.11
08"	0.75	0.11
12	0.21	0.65
13	0.36	0.50
14"	0.41	0.16
15	0.51	0.35
16"	0.32	0.25

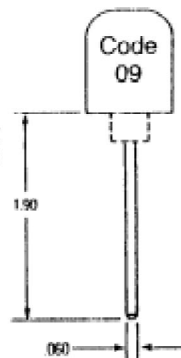
\*Not available with turret base

#### Wire Wrap

CATALOG NUMBER CODE: 07. Longer than extended circuit board terminals. Post alignment is compatible with tolerances required for automatic wire wrapping equipment. Post dimensions are compatible with standing wire wrapping bits.



#### Extra Long Terminal CATALOG NUMBER CODE: 09.



### TOP HARDWARE OPTIONS:

#### Binding Head Screws

In most applications, binding head screws will provide excellent wire retention because of exclusive wire locking tabs. These binding head screws are available in four styles:



CATALOG NUMBER CODE:

- 01 Bright Zinc and Chromate Plated Steel
- 02 Stainless Steel
- 03 Nickel Plated Brass

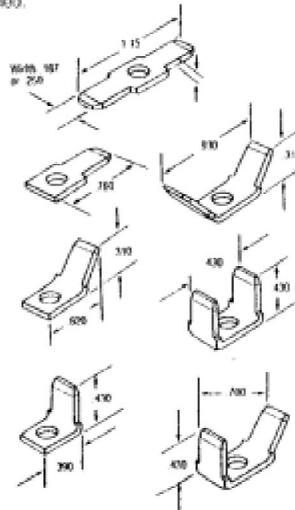
\*Tilt-slot design

#### Captive Clamp

CATALOG NUMBER CODES: 02 & 09. For applications requiring extra security, captive clamps under the screw heads augment the locking tabs on each contact. Screws have a unique Phillips design accepting either Phillips head or Bright Zinc and Chromate plated steel. Code 09 screw is Nickel Plated Brass.



CATALOG NUMBER CODES: 20 through 56. A complete selection of .187" and .250" quick-connect blades are available for connecting wire terminated with female quick connects. Single and double sided types in flat, 45° and 90° angle bends can be supplied. Material is brass with tin plating. All blades supplied with 01 screws. Various quick-connects can be combined.



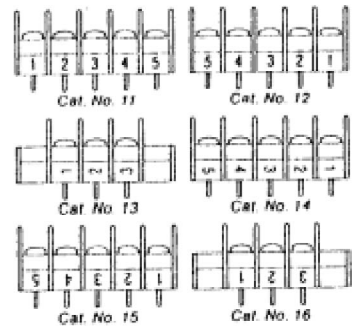
#### Solder Tabs

CATALOG NUMBER CODES: 80 & 81. Single and double sided, slotted solder tabs are available for marking wrapped solder connections on the top side of SSB's.



### CIRCUIT IDENTIFICATION OPTIONS:

CATALOG NUMBER CODES: 11 through 16. SSB blocks may be ordered with circuit identification numbers in white on the molding in six different variations. Custom markings are available on special order.



### MOLDING MATERIAL OPTIONS:

CATALOG CODE: N. The standard SSB molding material is UL94V-2 polypropylene. Consult factory for other materials available on special order.

### MOLDING COLOR OPTIONS:

SSB blocks are stocked in black. Consult factory for availability of other colors.