

**0.325" PITCH
SERIES RSB3
ORDERING INFORMATION**

RSB 3 V P 06 12 02 11
A B C D E F G H

A Single Screw Tri-Barrier Strip RSB

B Contact Spacing (Center-to-Center)
 3=.325 in.


C Mounting Position
 V=Vertical Mounting
 R=Right-Angle Mounting


D End Contact Mounting Options
M=End Position Mounting: open end positions with barriers.
P=Direct Mounting: all positions filled with contacts, with barriers
T=End Position Mounting: Open end positions with mounting plate, with barriers

E No. of Circuits (Not Positions)
 02 through 34 for M Option
 02 through 36 for P Option

F Terminal Style
 12=Printed Circuit Pin
 13=Non-Feed Through
 14=Extended Circuit Board
 15=Right-Angle Circuit Board
 17=Wire Wrap

G Top Hardware Options

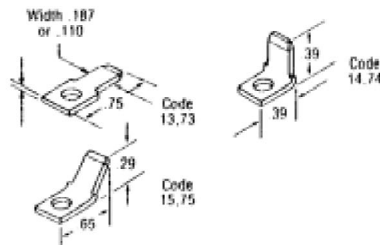
01=Bright zinc and chromate plated steel binding-head screw


02=Bright zinc and chromate plated steel screw and captive clamp – Do not order in combination with other top hardware.


Quick-Connect Blades
 (supplied with 01 screw)

| .110 wide | | .187 wide | |
|-----------|-------|-----------|-------|
| x.020 | thick | x.020 | thick |
| 13 | 73= | 14 | 74= |
| 14 | 73= | 15 | 74= |
| 15 | 73= | 16 | 74= |

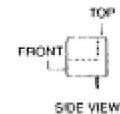
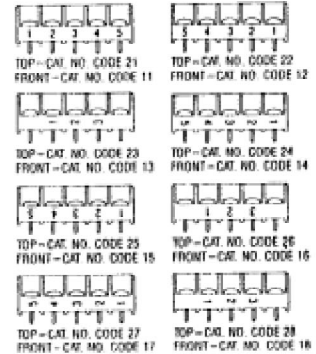
Catalog Number Codes: 13 through 15 and 73 through 75. A complete selection of .187" and .110" quick-connect blades for connecting wire terminated with female quick connects. Single sided types in flat 45° and 90° angle bends can be supplied. Material is brass with tin plating. All blades supplied with 01 screws. Various quick-connects can be combined.



H Circuit Identification Options

Catalog Number Codes: 11 through 18 and 21 through 28. RSB3 blocks may be ordered with white circuit identification numbers on the molding in sixteen variations. Custom markings available on special order.

(Blank)=No Circuit Identification

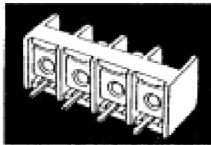


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MOUNTING POSITION

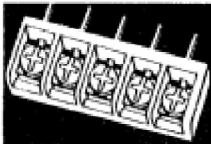
Vertical Mounting

CATALOG LETTER CODE: **V**. Used where direct top-to-bottom feed-through is required with no need for circuit isolation on the bottom side. The most common example of this is printed circuit board mounting.



Right Angle Mounting

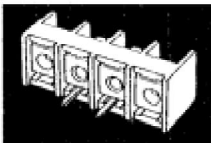
CATALOG LETTER CODE: **R**. Provides a printed circuit board mounting option with top side wire entry. Supplied with terminal option 15.



END CONTACT MOUNTING OPTIONS

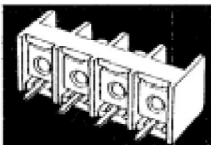
End Position Mounting

CATALOG LETTER CODE: **M**. Supplied without contact in end sections to allow installer to mount blocks with screws in end section holes. Base of block will support #6 mounting screws.



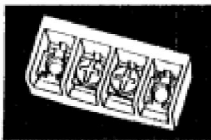
Direct Mounting

CATALOG LETTER CODE: **P**. RSB3 may be solder mounted using the bottom terminals themselves, as in the case of printed circuit board applications.



End Position Mounting with Mounting Plates

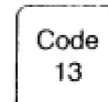
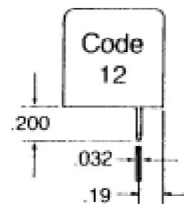
CATALOG LETTER CODE: **T**. Supplied with threaded mounting plates instead of contacts in end sections to facilitate bottom screw mounting using standard 6-32 screws.



TERMINAL STYLE

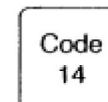
Printed Circuit Pin

CATALOG NUMBER CODE: **12**. Designed specifically for mounting on .063" thick circuit board. Special, readily solderable plating permits good fillet development in automated soldering processes.



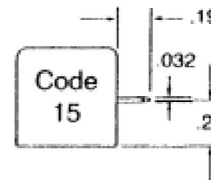
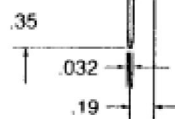
Non-Feed-Through

CATALOG NUMBER CODE: **13**.



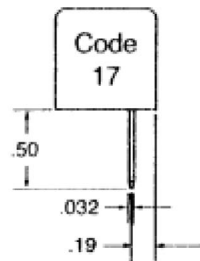
Extended Printed Circuit Pin

CATALOG NUMBER CODE: **14**. Useful for thicker printed circuit boards or single-wrap connections.



Right Angle Printed Circuit Pins

CATALOG NUMBER CODE: **15**.



Wire Wrap

CATALOG NUMBER CODE: **17**. Longer than extended circuit board terminals.

0.325" PITCH SERIES RSB3

PHYSICAL PROPERTIES

HOUSING MATERIAL: Polypropylene
 FLAMMABILITY: UL94V-2
 COLOR: Black

TERMINAL

TERMINALS: Brass w/bright Tin plating
 SCREWS: Steel w/Zinc + Chromate plating
 CLAMP: Steel w/Zinc + Chromate plating

MECHANICAL

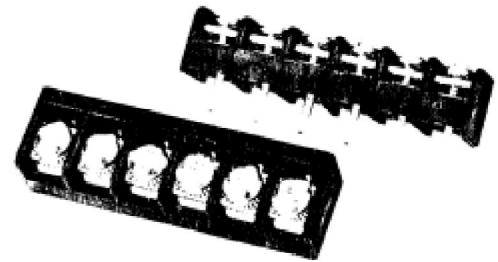
PITCH (TERMINAL SPACING): .325 in
 SCREW SIZE: 6-32
 RECOMMENDED PCB HOLE DIA.: 0.062"
 WIRE STRIP LENGTH: .31 in
 RECOMMENDED TIGHTENING TORQUE: 9 in lbs.
 RECOMMENDED SCREWDRIVERS: Stanley 1006-4,
 Sears Craftsman 41581, Any #2 Phillips-Head
 WIRE LUG WIDTH (Max.): .265 in

ELECTRICAL PROPERTIES

MAXIMUM CURRENT: 15A
 OPERATING VOLTAGE: 300V
 WIRE RANGE: #14-26 AWG
 DIELECTRIC WITHSTAND: 4000V

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE:
 60°C to +105°C
 (-76°F to +221°F)



RSB3VP061202

Dimensions

| CIRCUITS (NOT POSITIONS) | C1 IN. | L1* IN. | C2 IN. | L2* IN. |
|-----------------------------|-----------|------------|-----------|------------|
| 02 | .325 | .704 | .975 | 1.354 |
| 03 | .650 | 1.029 | 1.300 | 1.679 |
| 04 | .975 | 1.354 | 1.625 | 2.004 |
| 05 | 1.300 | 1.679 | 1.950 | 2.329 |
| 06 | 1.625 | 2.004 | 2.275 | 2.654 |
| 07 | 1.950 | 2.329 | 2.600 | 2.979 |
| 08 | 2.275 | 2.654 | 2.925 | 3.304 |
| 09 | 2.600 | 2.979 | 3.250 | 3.629 |
| 10 | 2.925 | 3.304 | 3.575 | 3.954 |
| 11 | 3.250 | 3.629 | 3.900 | 4.279 |
| 12 | 3.575 | 3.954 | 4.225 | 4.604 |
| 13 | 3.900 | 4.279 | 4.550 | 4.929 |
| 14 | 4.225 | 4.604 | 4.875 | 5.254 |
| 16 | 4.875 | 5.254 | 5.525 | 5.904 |
| 17 | 5.200 | 5.579 | 5.850 | 6.229 |
| 18 | 5.525 | 5.904 | 6.175 | 6.554 |
| 19 | 5.850 | 6.229 | 6.500 | 6.879 |
| 20 | 6.175 | 6.554 | 6.825 | 7.204 |
| 21 | 6.500 | 6.879 | 7.150 | 7.529 |
| 22 | 6.825 | 7.204 | 7.475 | 7.854 |
| 23 | 7.150 | 7.529 | 7.800 | 8.179 |
| 24 | 7.475 | 7.854 | 8.125 | 8.504 |
| 25 | 7.800 | 8.179 | 8.450 | 8.829 |
| 26 | 8.125 | 8.504 | 8.775 | 9.154 |
| 27 | 8.450 | 8.829 | 9.100 | 9.479 |
| 28 | 8.775 | 9.154 | 9.425 | 9.804 |
| 29 | 9.100 | 9.479 | 9.750 | 10.129 |
| 30 | 9.425 | 9.804 | 10.075 | 10.454 |
| 31 | 9.750 | 10.129 | 10.400 | 10.779 |
| 32 | 10.075 | 10.454 | 10.725 | 11.104 |
| 33 | 10.400 | 10.779 | 11.050 | 11.429 |
| 34 | 10.725 | 11.104 | 11.357 | 11.754 |
| 35 | 11.050 | 11.429 | | |
| 36 | 11.357 | 11.754 | | |

*L2 and L1 are based on molded-to-length strips.

