

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

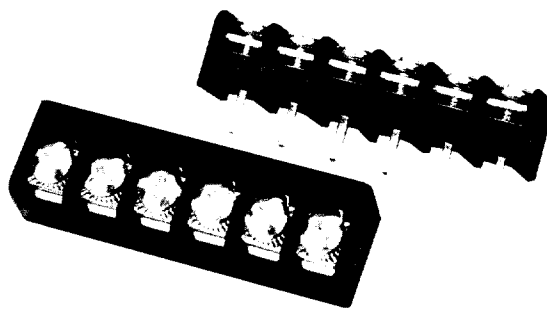
PITCH (TERMINAL SPACING): .325 in
 SCREW SIZE: 6-32
 RECOMMENDED PCB HOLE DIA.: 0.062"
 WIRE STRIP LENGTH: .31 in
 RECOMMENDED TIGHTENING TORQUE: 9 in-lbs.
 RECOMMENDED SCREWDRIVERS: Stanley 1006-4,
 Sears Craftsman 41581, Any #2 Phillips-Head
 WIRE LUG WIDTH (MAX.): .265 in

ELECTRICAL PROPERTIES

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

ENVIRONMENTAL PROPERTIES

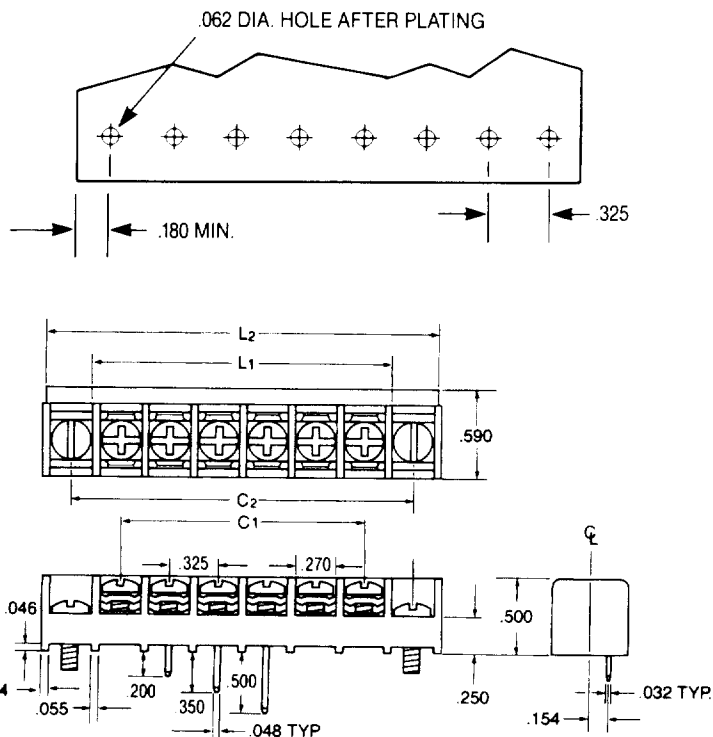
OPERATING TEMPERATURE RANGE:
 -60°C to +105°C
 (-76°F to +221°F)



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	7.554
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		



COMPUTING BARRIER BLOCK LENGTHS

DIRECT MOUNTING: Use C1 and L1 for Mounting Option "P".
 END POSITION MOUNTING: Use C2 and L2 for Mounting Option "M".

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



Tri-Barrier Strips

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, **superseded by 4PCV, page 146**
13=Non-Feed-Through
14=Extended Circuit Board
15=Right-Angle Circuit Board, **superseded by 4PCR, page 146**
17=Wire Wrap, **superseded by 4WWV, page 146**

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.

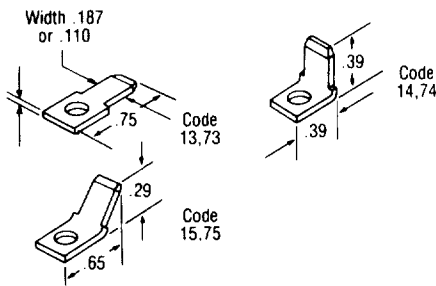


Quick-Connect Blades

(supplied with 01 screw)

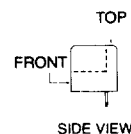
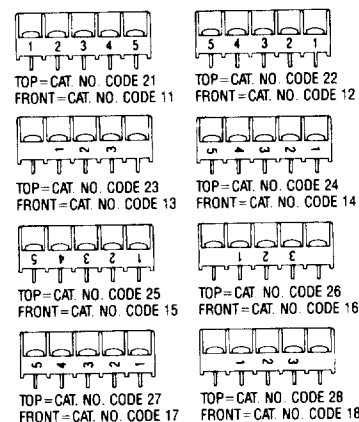
.110 wide	.187 wide	
x.020	x.020	
thick	thick	
13	73=	
14	74=	
15	75=	

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 16 variations. Custom markings available on special order.



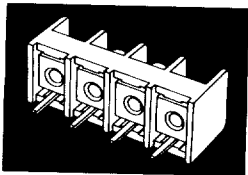
Tri-Barrier Strips

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MOUNTING POSITION

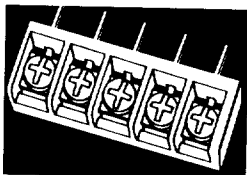
Vertical Mounting

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

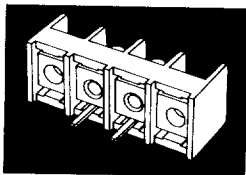
CATALOG LETTER CODE: **R**. Provides a printed circuit board mounting option with top-side wire entry. Supplied with terminal option 15.



END CONTACT MOUNTING OPTIONS

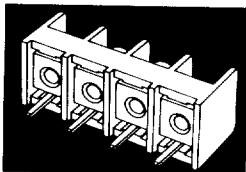
End Position Mounting

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.



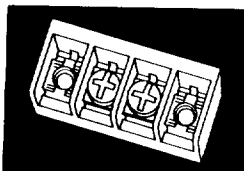
Direct Mounting

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

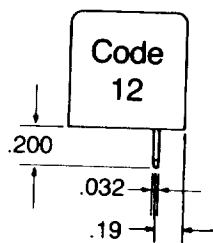
CATALOG LETTER CODE: **T**. Supplied with threaded mounting plates instead of contacts in end sections to facilitate bottom screw mounting using standard 6-32 screws.



TERMINAL STYLE

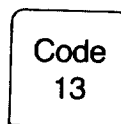
Printed Circuit Pin

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.
Superseded by 4PCV



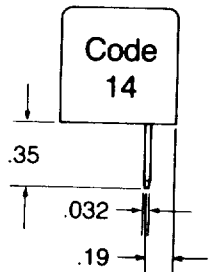
Non-Feed-Through

CATALOG NUMBER CODE: **13**.



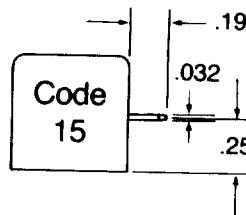
Extended Printed Circuit Pin

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



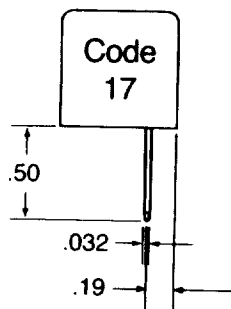
Right-Angle Printed Circuit Pins

CATALOG NUMBER CODE: **15**.
Superseded by 4PCR



Wire Wrap

CATALOG NUMBER CODE: **17**. Longer than extended circuit board terminals.
Superseded by 4WWV



Tri-Barrier Strips