0.325" [8.26] Pitch, Series RSB3

RSB3VP061202

Material & Finish

Housing Material—Polypropylene
Flammability—UL94V-2
Color—Black
Terminals—Brass w/bright Tin plating
Screws—Steel w/Zinc + Chromate plating

Mechanical Properties

Pitch (Terminal Spacing)—.325 in [8.26]
Screw Size—6-32
Recommended PCB Hole Dia.—0.062"
Wire Strip Length—.31 in [7.87]
Recommended Tightening Torque—9 in-lbs.
Recommended Screwdrivers—Stanley 1006-4, Sears Craftsman 41581, Any #2 Phillips-Head
Wire Lug Width (Max.)—.265 in [6.73]

Electrical Properties

Maximum Current—15A
Operating Voltage—300V
Wire Range—#14-26 AWG
Dielectric Withstand—4000V

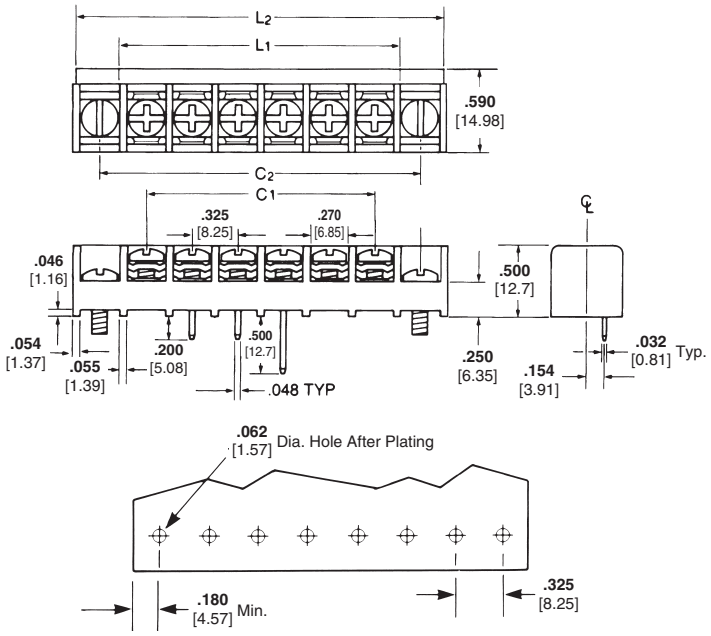
Environmental Properties

Operating Temperature Range—-60°C to +105°C [-76°F to +221°F]

For mating socket, see pg. 158.

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".



Dimensions

Circuits (not positions)	C1 in.	L1* in.	C2 in.	L2* in.
02	0.325	0.704	0.975	1.354
03	0.650	1.029	1.300	1.679
04	0.975	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	2.797	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	—	—

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

LR25557 E63810

Catalog 1308389
Revised 6-06

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South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341

0.325" [8.26] Pitch, Series RSB3 (Continued)

Ordering Information

RSB 3 V P 06 12 02 11

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ

Ⓐ Single Screw Tri-Barrier Strip
RSB

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

Ⓒ Mounting Position
V=Vertical Mounting

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

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

Ⓕ Terminal Style
12=Printed Circuit Pin for use with USB3 Series Socket
15=**Superseded by 4 PCR per page 123**
17=**Superseded by 4WWV, page 123**

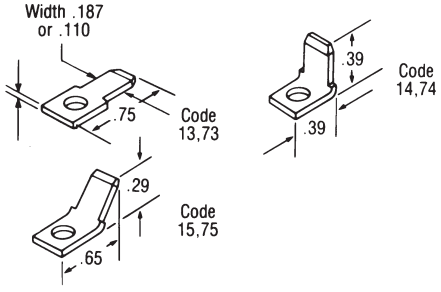
Ⓖ Top Hardware Options
01=Bright zinc and chromate plated steel binding-head screw

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

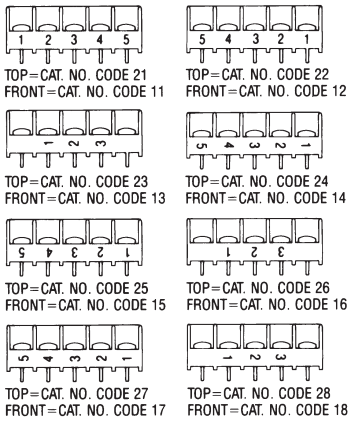
Quick-Connect Blades
(supplied with 01 screw)

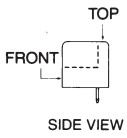
.110 wide x.020 thick	.187 wide x.020 thick	
13	73=	
14	74=	
15	75=	

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, 45º and 90º angle bends can be supplied. Material is brass with tin plating. All blades supplied with 01 screws. Various quick-connects can be combined.



Ⓗ 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.





For mating socket, see pg. 158.

LR25557 E63810

Catalog 1308389
Revised 6-06

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Dimensions are in millimeters and inches unless otherwise specified.

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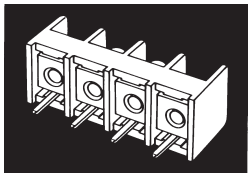
UK: 44-208-420-8341

0.325" [8.26] Pitch, Series RSB3 (Continued)

Mounting Position

Vertical Mounting

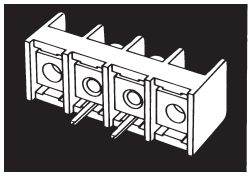
Catalog Letter Code: V. Used where direct top-to-bottom feed-through is required with no need for circuit isolation on the bottom side. The most common example of this is printed circuit board mounting.



End Contact Mounting Options

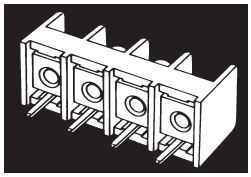
End Position Mounting

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

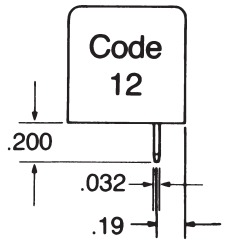
Catalog Letter Code: P. RSB3 may be solder-mounted using the bottom terminals themselves, as in the case of printed circuit board applications.



Terminal Style

Printed Circuit Pin

Catalog Number Code: 12. Designed specifically for use with our USB3 socket, page 158



Hardware Options

3C1xxx—Safety cover, see page 171
J3140—Jumpers, see page 173
3L02—Wire clamp screw, see page 174
3L01—Binding head screw, see page 174

LR25557 E63811

Engineering Notes

Catalog 1308389
Revised 6-06

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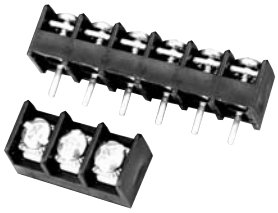
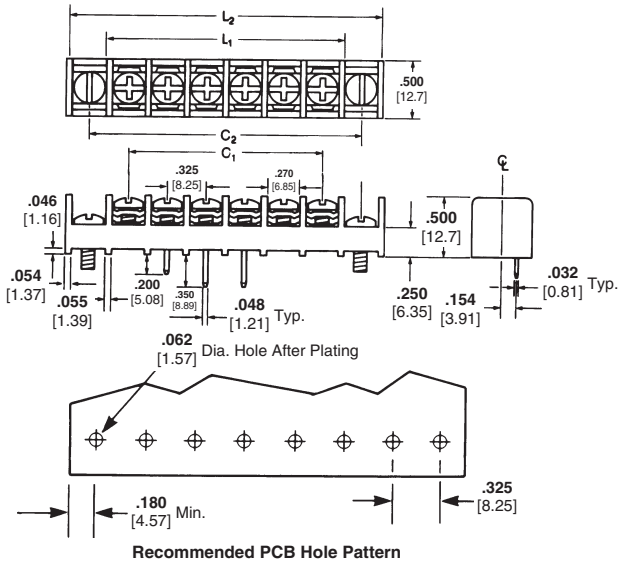
UK: 44-208-420-8341

0.325" [8.26] Pitch, Series SSB3

SSB3FP##0202





Recommended PCB Hole Pattern

Material & Finish

Housing Material—Polypropylene

Flammability—UL94V-2

Color—Black

Terminals—Brass, bright acid tin over copper plating

Screw—Steel w/ Zinc + Chromate plating

Mechanical Properties

Pitch (Terminal Spacing)—.325" [8.26]

Screw Size—6-32

Recommended PCB Hole Dia.—.062" [1.57]

Wire Strip Length—.31" [7.87]

Recommended Tightening Torque—9 in-lbs.

Recommended Screwdrivers—Stanley 1006-4, Sears Craftsman 41581, Any #2 Phillips Head.

Wire Lug Width (Max.)—.265" [6.73]

Electrical Properties

Ratings—UL Class B 20 Amps, 300V
UL Class C 20 Amps, 300V
UL Class D 10 Amps, 300V
CSA Type B 10 Amps, 300V
CSA Type D 10 Amps, 300V

Wire Range—#14-26 AWG

Dielectric Withstand—4500V

Environmental Properties

Operating Temperature Range—-60°C to +105°C [-76°F to +221°F]

Computing Barrier Block Lengths

Direct Mounting – Use C1 & L1 for Mounting Option "P".

End Position Mounting – Use C2 & L2 for Mounting Options "F" and "M".

For mating socket, see pg. 158.

Dimensions

Circuits (not positions)	C1 in.	L1* in.	C2 in.	L2* in.
02	0.325	0.704	0.975	1.354
03	0.650	1.029	1.300	1.679
04	0.975	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
15	4.550	4.949	5.200	5.579
16	4.875	5.254	5.525	5.579
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	6.2175	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	11.375	11.754
35	11.050	11.429	—	—
36	11.375	11.754	—	—

EC/98/003-01 12241/CL LR25557 E63810

Catalog 1308389
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Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341

0.325" [8.26] Pitch, Series SSB3 (Continued)

Ordering Information

SSB	3	F	P	06	02	02	Suffix
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ

Ⓐ Single Screw Dual-Barrier Strip SSB

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

Ⓒ Base
F=Raised Base

Ⓓ Mounting Options
F= Open end positions without end barriers
M= Open end positions with end barriers
P= All positions filled with contacts, with end barriers

Ⓔ No. of Circuits (Not Positions)
02 through **36**

Ⓕ Terminal Style
02= Printed Circuit Pin
04= Extended Circuit Board
11= Right-Angle Bend .18 x .12

Ⓖ Top Hardware Options
01= Bright zinc and chromate plated steel binding-head screw

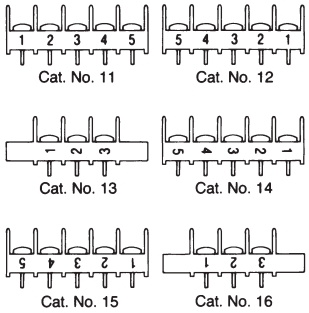
02= Bright zinc and chromate plated steel screw and captive clamp – Do not order in combination with other top hardware.

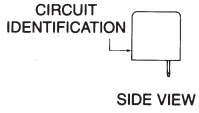
Quick-Connect Blades
(supplied with 01 screw)

.110 wide x.020 thick	.187 wide x.020 thick	
10	70=	
11	71=	
12	72=	
13	73=	
14	74=	
15	75=	

Ⓗ 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.

11= 12345...
12= ...54321
13= 1 2 3 4 5 . . .
14= . . . 5 4 3 2 1
15= ···12345
16= 54321···





Hardware Options

3C1xxx—Safety cover, see page 171
J3140—Jumpers, see page 173
3L02—Wire clamp screw, see page 174
3L01—Binding head screw, see page 174
QC1x—.110 Quick connects, see page 172
QC7x—.187 Quick connects, see page 172

For mating socket, see pg. 158.

EC/98/003-01 12241/CL LR25557 E63810

Catalog 1308389
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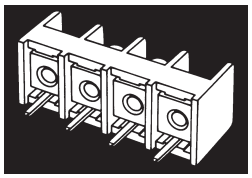
Japan: 81-44-844-8013
UK: 44-208-420-8341

0.325" [8.26] Pitch, Series SSB3, Options

Base

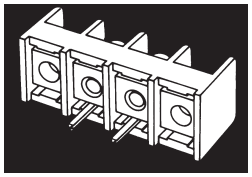
Catalog Letter Code: F. Lends itself most readily to applications where direct top-to-bottom feed-through is required with no special requirement for circuit isolation on the bottom side. The most common example of this is printed circuit board mounting.



Mounting Options

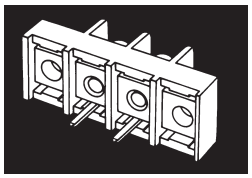
End Position Mounting

Catalog Letter Code: M. Provides a printed circuit board mounting option with top-side wire entry.



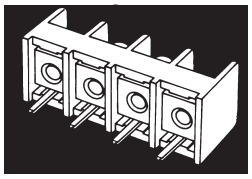
End Position Mounting Without Barriers

Catalog Letter Code: F. Facilitates mounting-screw access when end sections are used for mounting.



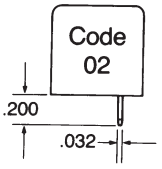
Direct Mounting:

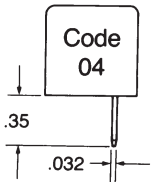
Catalog Letter Code: P. SSBs may be solder-mounted using the bottom terminals themselves, as in the case of printed circuit board applications.



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.





Extended Printed Circuit Pin:

Catalog Number Code: 04. Useful where extra length is needed, as in thicker printed circuit boards or single-wrap connections.

Top Hardware Options

Binding Head Screws

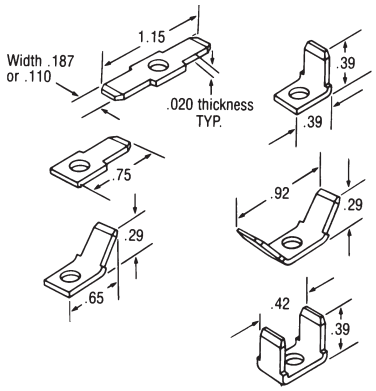
Catalog Number Code: 01. In most applications, binding head screws will provide excellent wire retention because of exclusive wire locking tabs. Screws are bright zinc and chromate plated steel.

Captive Clamp

Catalog Number Code: 02. For applications requiring extra security, captive clamps under the screw heads augment the locking tabs on each contact. Screws have a unique Phil-slot design accepting either Phillips-head or straight screwdriver. Code 02 screw is bright zinc and chromate plated steel.

Quick Connects

Catalog Number Codes: 10 through 75. A complete selection of .187" and .110" quick-connect blades are available for connecting wire terminated with female quick connects. Single-and double-sided types in flat, 45º and 90º angle bends can be supplied. Material is brass with tin plating. All blades supplied with 01 screws. Various quick-connects can be combined.



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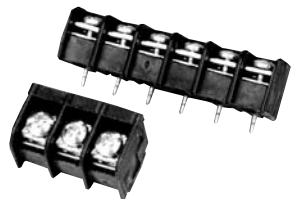
UK: 44-208-420-8341

0.375" [9.53] Pitch, Series RSB6

RSB6RP##1102



Material & Finish

Housing Material—Polypropylene

Flammability—UL94V-2

Color—Black

Terminals—Brass, bright acid tin over copper plating

Screw—Steel w/Zinc + Chromate plating

Mechanical Properties

Pitch (Terminal Spacing)—.375" [9.53]

Screw Size—6-32

Recommended PCB Hole Dia.—.062" [1.57]

Wire Strip Length—.38" [9.65]

Recommended Tightening Torque—12 in-lbs.

Recommended Screwdrivers—Stanley 1006-4, Sears Craftsman 41581, Any #2 Phillips-Head

Wire Lug Width (Max.)—8.1mm [.320"]

Electrical Properties

Ratings—UL Class B 20 Amps, 300V
CSA Type C 15 Amps, 150V
CSA Type D 10 Amps, 300V

Wire Range—12-22 AWG

Dielectric Withstand—3500V

Environmental Properties

Operating Temperature Range—-60ºC to +105ºC [-76ºF to +221ºF]

Computing RSB Block Lengths

Direct Mounting – Use C1 & L1 for VP, SP, RP mounting options

End Position Mounting – Use L2 & C2 for VM, SM, RM, VE, SE, RE mounting options

For mating socket, see pg. 159.

Hardware Options

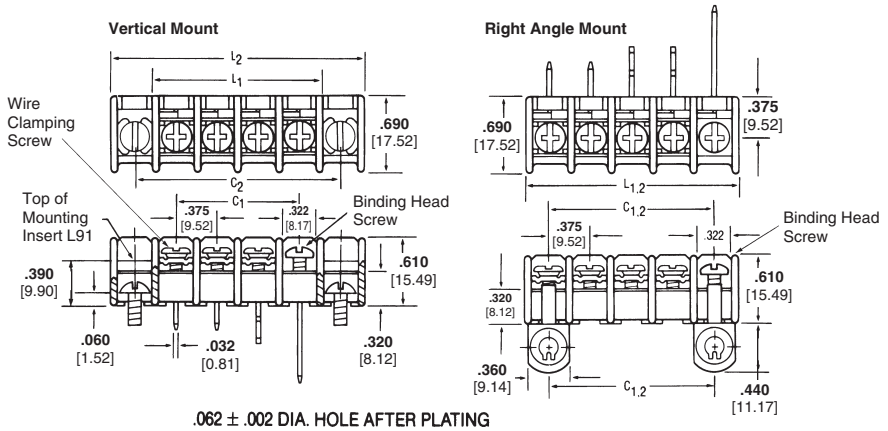
J6—Jumpers, see page 173

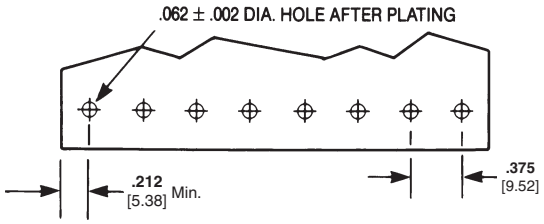
L02—Wire clamp screw, steel, see page 174

L09—Wire clamp screw, brass, see page 174

L01—Binding head screw, see page 174

L04—Binding head screw, brass, see page 174





Recommended PCB Hole Pattern

LR25557 E63810

Dimensions

Circuits (not positions)	C1 in.	L1* in.	C2 in.	L2* in.
01	—	—	0.75	1.22
02	0.37	0.84	1.13	1.59
03	0.75	1.22	1.50	1.97
04	1.13	1.59	1.88	2.34
05	1.50	1.97	2.25	2.72
06	1.88	2.34	2.63	3.09
07	2.25	2.72	3.00	3.47
08	2.63	3.09	3.37	3.84
09	3.00	3.47	3.75	3.84
10	3.37	3.84	4.13	4.59
11	3.75	4.22	4.50	4.97
12	4.13	4.59	4.88	5.34
13	4.50	4.97	5.25	5.72
14	4.88	5.34	5.63	6.09
15	5.25	5.72	6.00	6.47
16	5.63	6.09	6.38	6.84
17	6.00	6.47	6.75	7.22
18	6.38	6.84	7.13	7.59
19	6.75	7.22	7.50	7.97
20	7.13	7.59	7.88	8.34
21	7.50	7.97	8.25	8.72
22	7.88	8.34	8.63	9.09
23	8.25	8.72	9.00	9.47
24	8.63	9.09	9.75	9.84
25	9.00	9.47	9.75	10.22
26	9.38	9.84	10.13	10.59
27	9.75	10.22	10.50	10.97
28	10.13	10.59	10.88	11.34
29	10.50	10.97	11.25	11.72
30	10.88	11.34	11.63	12.09
31	11.25	11.72	12.00	12.47
32	11.63	12.09	12.38	12.84
33	12.00	12.47	12.75	13.22
34	12.38	12.84	13.13	13.59
35	12.75	13.22	13.50	13.97
36	13.13	13.59	13.88	14.34

Catalog 1308389
Revised 6-06

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Japan: 81-44-844-8013
UK: 44-208-420-8341

0.375" [9.56] Pitch, Series RSB6 (Continued)

Ordering Information

RSB 6 R P 07 12 02 11

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ

Ⓐ Single Screw Tri-Barrier Strips RSB

Ⓑ Contact Spacing

6=.375 in. (6/16)

Ⓒ Mounting Position Options

V= Vertical Mounting

H= High Rise (use with #18 terminal style)

Ⓓ End Contact Options

E= Open end pos. with mounting inserts

M= Open end positions

P= All positions filled with contacts

Ⓔ No. of Circuits (Not Positions)

02 through **34** for M Option

02 through **36** for P Option

Ⓕ Terminal Style

11=Superseded by 6STV, page 154

12=Circuit Board, V Mounting (select this option when block is to be used with RSB plug-in socket)

13=Superseded by 6TBV, page 127

14=Superseded by 6STR, page 127

15=Superseded by 6PCR, page 127

16=Superseded by 6WWR, page 127

17=Superseded by 6WWV, page 127

18=Circuit Board (for High Rise Mounting)

Ⓖ Top Hardware Options

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

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

Quick-Connect Blades

(supplied with 01 screw)

.250 [6.35] wide x.032 [.81] thick	.187 [4.75] wide x.020 [.51] thick	
22	42=	
23	43=	
24	44=	
25	45=	
29	49=	
30	50=	
31	51=	
33	53=	
35	55=	
36	56=	

Ⓗ Circuit Identification Options

Request drawing C7013624 for complete information

Front	Top
11	**21** = 12345...
12	**22** = ...54321
13	**23** = 1 2 3 4 5 . . .
14	**24** = . . . 5 4 3 2 1
15	**25** = ...12345
16	**26** = 54321...
17	**27** = . . . 5 4 3 2 1
18	**28** = 1 2 3 4 5 . . .

For mating socket, see pg. 158.

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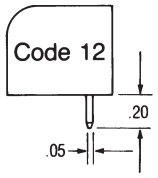
Japan: 81-44-844-8013
UK: 44-208-420-8341

0.375" [9.56] Pitch, Series RSB6, Features/Options

Terminal Style

Vertical Terminal

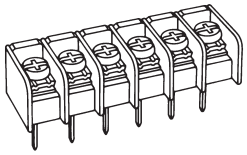
Catalog Number Code 12: Designed specifically for use with our RSB6B Socket, page 159.



Mounting & Contact Position Options

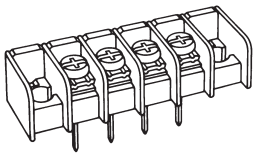
Vertical, Direct Mounting

Catalog Code VP: This configuration is frequently used on printed circuit boards where solder connections are used to fasten the block to the board.



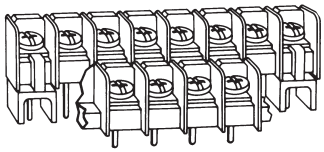
Vertical, End Position Mounting

Catalog Code VM:
Used where end sections are needed for mounting. Thickness of base is sufficient to support mounting screws.



High Rise, All Positions Filled with Contacts

Catalog Code HP:
Designed for high density; two rows deep when used in conjunction with a VP configuration.



Top Hardware Options:

Binding Head Screws

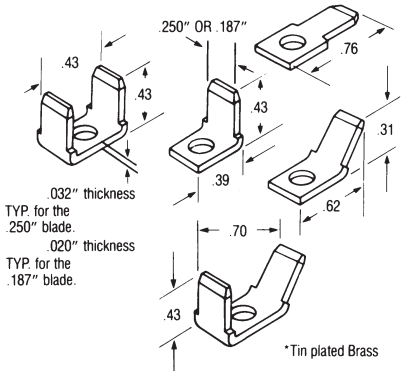
Four Styles Available.

Captive Clamp

Catalog Number Code: 02 & 09.
For applications requiring extra security, captive clamps under the screw heads augment the locking tabs on each contact. Screws have #8 pan head with a unique Phil-slot design accepting either Phillips-head or straight screwdriver. The body is #6 to allow use of larger wire.

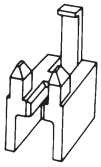
Quick Connects

Catalog Code below: A selection of .187" and .250" quick connect blades with tin plated brass are available for connecting wire terminated with female quick-connects. They are available individually or in combination. See ordering information.



High Rise, Mounting Standoffs

Designed for high density; allows two rows of contacts on two levels when used with a VP mounting configuration.



LR25557 E63810

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UK: 44-208-420-8341

Accessories — Barrier Strip Safety Covers

For Series BC6, #3, JC6

For Series BC6, #3, JC6 Mounting

TC 3—Aluminum mounting bushings and screws

TC 2, 9—Plastic fasteners attached to block with thru-bolts and nuts (not supplied)

Center Spacing

TC 3—0.250 inch [6.35]

TC 2, 9—0.375 inch [9.56]

Material—Clear, rigid PVC, UL94V-0

For Series #4, #6, #8 Physical Properties

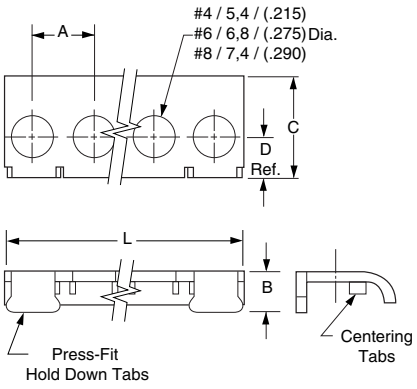
Centerline spacing—8.2/[.325] - 9.5/[.375] 11.1/[.4375]

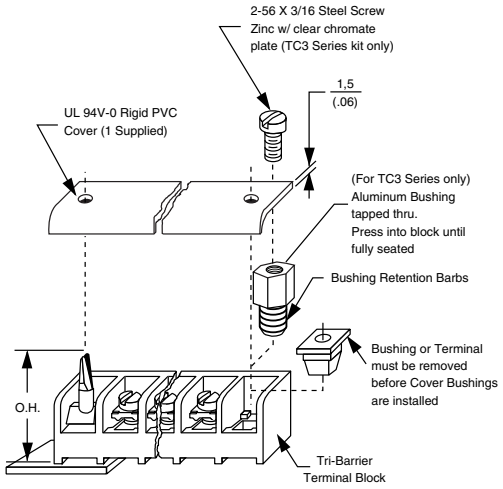
Positions—2 thru 16, molded to length

Material—Black, thermoplastic, UL94V-0

Shock and Vibration—to MIL.STD. 1344 method 2005.1 Condition III.

For Series #4, #6, #8





Ordering Information

TC 4 - 06 - PFH - CL

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

Ⓐ Series
TC = Cover

Ⓑ Center Spacing
2 = BC6 Series
3 = #3 Series
4 = #4 Series
6 = #6 Series
8 = #8 Series
9 = JC6 Series

Ⓒ No. of Circuits
(Not positions)
02 through **24** for Series BC6, JC6
02 through **30** for Series #3
02 through **16** for Series #4, #6, #8

Ⓓ Access Holes
PF* = Press Fit without holes
PFH* = Press Fit with holes
AG = Adder for Series BC6, #3, JC6

Ⓔ Color (add for Series #4, #6, #8 only)
(blank) = Black (Series BC6, #3, JC6 are clear)
CL = Translucent (Available only for Series #4, #6, #8)

Overall Height (O.H.)		
TC2	TC3	TC9
0.970"	0 .650"	0.970"

* Add for Series #4, #6, #8

Catalog #	A	B	C	D Ref.	L
TC4	8,2 (.325)	6,0 (.238)	13,5 (.531)	5,7 (.225)	A* (N-1)+7,9/(.312) #4
TC6	9,5 (.375)	6,3 (.250)	13,3 (.525)	6,4 (.253)	A* (N-1)+(,4/(.370) #6
TC8	11,1 (.4375)	8,1 (.314)	21,5 (.846)	11,1 (.4375)	A* (N-1)+10,9/(.430) #8

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Accessories — Barrier Strip Safety Covers (Continued)

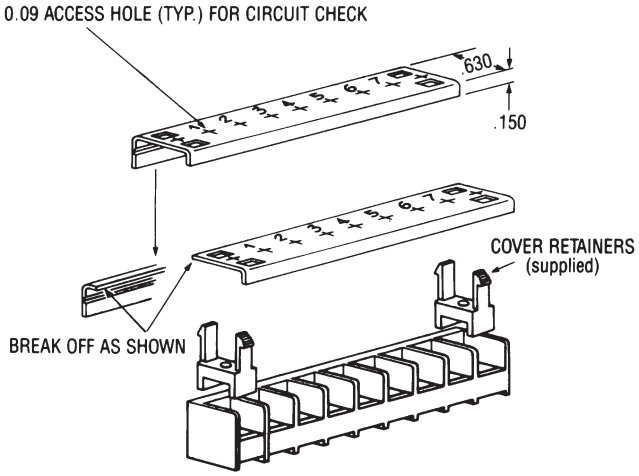
SAFETY COVERS

Dead front protection designed to prevent accidental contact with energized circuits. Access holes for test probes are provided over each terminal. Nylon clips are included with each cover. Covers meet UL94V-0, with 50°C temperature index. Blank circuit identification optional.

For SSB3, RSB3, RSB6 and SSB7 Series.

Related Product Data

Wire Pins and Ferrules
Pages 108-110
For more information on Tyco Electronics Standard Terminals and Splices or Quick-Connect FASTON Receptacles and Tabs, request Catalog 82042.



Ordering Information

3 C 1 N 07

Centerline Dimensions
3=.325 in.
7=.4375 in.

Cover Material
C=Yellow PVC

Style
1=Closed Back

Circuit Identification
N=No Markings
F=Forward Sequence (as shown)
R=Reverse Sequence

Number of Circuits
(Use Two Digits)
02 through **34**
Max for **SSB7=25**
Max for **RSB6=34**
Max for **RSB3=34**
Max for **SSB3=34**

Catalog 1308389
Revised 6-06

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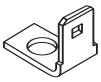
Accessories — Quick-Connect (QC) Tabs

Physical Properties

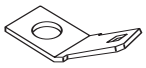
Tabs

Material—Tin plated brass

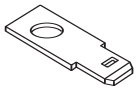
Dimensions— #4 Series 0.187" wide x 0.020" thick, #6 Series 0.250" wide x 0.032" thick (0.187" x 0.020" optional), #8 Series 0.250" wide x 0.032" thick



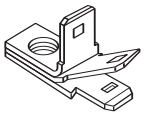
90°



45°



180°



Stackable Tabs

Ordering Information: Tabs

QC4 - 180 - 3

Ⓐ Ⓑ Ⓒ

Ⓐ Style Size

QC4 = for #4 Series (45° tab angle not available)

QC6 = for #6 Series

QC8 = for #8 Series

Ⓒ Tab Size

3 = 0.187 w x 0.020

4 = 0.250 w x 0.032

Ⓑ Tab Angle

180 = 180° (flat)

45 = 45°

90 = 90°

Note: QC tabs may be stacked to achieve several angle configurations.

.375" & .4375" Pitch, Series JC6 and SSB7

QUICK-CONNECT Tabs

Description		.250 wide x .032 thick		.187 wide x .020 thick	
		Part No.	Cat. No.	Part No.	Cat. No.
Flat, Two-Sided	——	6-1437402-3	QC20-BU	6-1437402-9	QC40-BU
45°, Two-Sided	◡	6-1437418-6	QC21	7-1437402-0	QC41
90°, Two-Sided	⊔	6-1437402-4	QC22	7-1437402-1	QC42
Flat, Single-Sided	—	6-1437402-5	QC23	7-1437402-2	QC43
45°, Single-Sided	◡	6-1437402-6	QC24	7-1437402-3	QC44
90°, Single-Sided	⌊	6-1437402-7	QC25	7-1437402-4	QC45
90° & 45°, Two-Sided	⌊◡	6-1437402-8	QC36	—	—
Flat, Two-Sided, Extra-Long		1776090-1	—	—	—
90°, Two-Sided, Extra-Long		1776090-2	—	—	—
45°, Two-Sided, Extra-Long		1776090-3	—	—	—

.0325" Pitch, Series SSB3

QUICK-CONNECT Tabs

Description		.110 wide x .020 thick		.187 wide x .020 thick	
		Part No.	Cat. No.	Part No.	Cat. No.
Flat, Two-Sided	——	5-1437402-7	QC10	7-1437402-5	QC70
45°, Two-Sided	◡	5-1437402-8	QC11	7-1437402-6	QC71
90°, Two-Sided	⊔	5-1437402-9	QC12	7-1437402-7	QC72
Flat, Single-Sided	—	6-1437402-0	QC13	7-1437402-8	QC73
45°, Single-Sided	◡	6-1437402-1	QC14	7-1437402-9	QC74
90°, Single-Sided	⌊	6-1437402-2	QC15-BU	8-1437402-0	QC75

.437" Pitch, Double Row

QUICK-CONNECT Tabs

Description		.250 wide x .032 thick Part No.
Flat, Two-Sided	——	1776057-3
45°, Two-Sided	◡	1776057-2
90°, Two-Sided	⊔	1776057-1
Flat, Single-Sided	—	1776110-3
45°, Single-Sided	◡	1776110-2
90°, Single-Sided	⌊	1776110-1

.563" Pitch, Double Row

QUICK-CONNECT Tabs

Description		.250 wide x .032 thick Part No.
Flat, Two-Sided	——	1776173-1
45°, Two-Sided	◡	1776173-2
90°, Two-Sided	⊔	1776173-3
45°/90°, Two-Sided	◡⌋	1776173-4
Flat, Single-Sided	—	1776174-1
45°, Single-Sided	◡	1776174-2
90°, Single-Sided	⌊	1776174-3

Related Product Data

Wire Pins and Ferrules

Pages 108-110

For more information on Tyco Electronics Standard Terminals and Splices or Quick-Connect FASTON Receptacles and Tabs, request Catalog 82042.

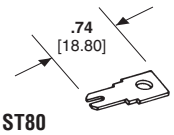
Solder Tabs:

For making top-side solder connections

Single-Sided

Part No.	Cat. No.
1-1437403-1	ST80

Order Number



ST80

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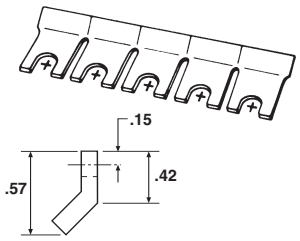
Japan: 81-44-844-8013
UK: 44-208-420-8341

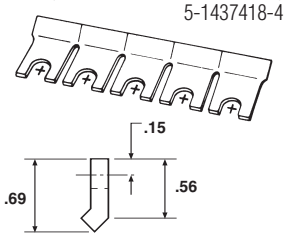
Accessories — Jumpers

AROUND-THE-BARRIER
40 circuits; snap apart to desired lengths.

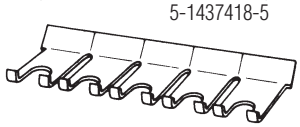
	Catalog Number	Part No.
Spade Jumper	**J3140** (for 0.325" Pitch)	5-1437418-3



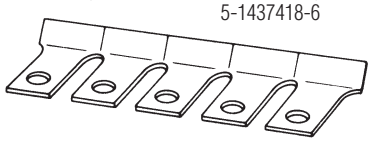
Spade Jumper	**J6140** (for 0.375" Pitch and #6 Screw)	5-1437418-4



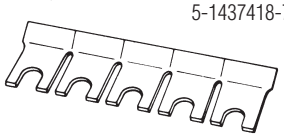
Flanged Spade Jumper	**J6240** (for 0.375" Pitch and #6 Screw)	5-1437418-5



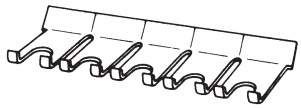
Ring Tongue Jumper	**J6340** (for 0.375" Pitch and #6 Screw)	5-1437418-6



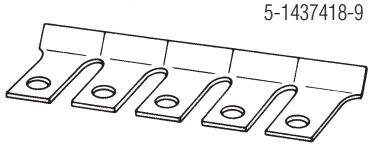
Spade Jumper	**J7140** (for 0.4375" Pitch and #6 Screw)	5-1437418-7



Flanged Spade Jumper	**J7240** (for 0.4375" Pitch and #6 Screw)	5-1437418-8

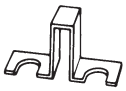


Ring Tongue Jumper	**J7340** (for 0.4375" Pitch and #6 Screw)	5-1437418-9



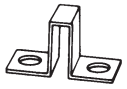
Over-the-Barrier Two Circuit (Brass, Tin Plated)
Spade Jumper

	J74 (for 0.375" Pitch, Series RSB6 & SSB6; 0.4375" Pitch, SSB7)	6-1437418-0



	J76 (0.4375" Double-Row)	1776058-1

Ring Tongue Jumper	**J75** (for 0.375" Pitch, Series RSB6 & SSB6; 0.4375" Pitch, SSB7)	6-1437418-1



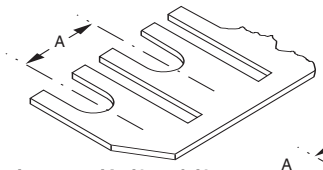
Order Number

Jx x

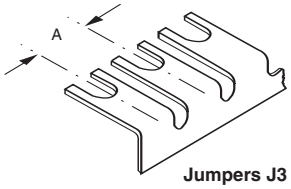
Ⓐ Ⓑ

Ⓐ **Block Series**
- **J3** = #3 Series
- **J4** = #4 Series, 4DB
- **J6** = #6 Series, JC6, BC6, NC6, MB6
- **J8** = #8 Series, 1546670, 1546671

Ⓑ **No. of Circuits** (Not positions)
2 through **16**



Jumpers J4, J6 and J8



Jumpers J3

Block Series	Centerline Spacing A
J3	6,4 (0.250")
J4	8,3 (0.325")
J6	9,5 (0.375")
J8	11,1 (0.438")

Catalog 1308389
Revised 6-06

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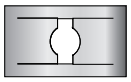
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341

Accessories — Hardware & Brackets

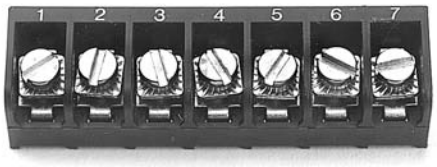
		Order Number	Description	Series
Binding Head Screws		**3L01**	#6-32 Steel w/clear chromate	RSB3, SSB3
		L01	#6-32 Steel w/clear chromate	SSB6, SSB7, RSB6
		8-1437649-4	#4-40 Steel w/clear chromate	Series #4
		1437651-8	#6-32 Steel w/clear chromate	Series #6, BC6, NC6, JC6
		L03	#6-32 Stainless Steel	SSB6, SSB7, RSB6 Series #6, JC6
		L04	#6-32 Brass w/nickel plate	SSB6, SSB7, RSB6
		1447429-1	#8-32 Steel w/clear chromate	Series #8
Wire Clamp Screws		**3L02**	#6-32 Steel w/clear chromate	RSB3, SSB3
		L02	#6-32 Steel w/clear chromate	SSB6, SSB7, RSB6
		L09	#6-32 Brass w/nickel plate	SSB6, SSB7, RSB6
		8-1437649-0	#4-40 Steel w/clear chromate	Series #4
		1437651-5	#6-32 Brass w/nickel plate	Series #6, BC6, JC6, NC6
		1437651-2	#6-32 Steel w/clear chromate	Series #6, BC6, JC6, NC6
		1437663-4	#6-32 Steel w/clear chromate	MB6
		1447425-1	#8-32 Steel w/clear chromate	Series #8
		9-1437667-9	#6-32 Steel w/clear chromate	4DB

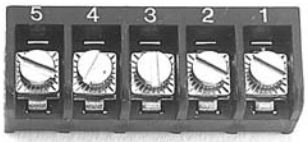
		Order Number	Part No.
MOUNTING INSERTS (Nylon) for mounting RSBs with blank end sections		**L91**	5-1437402-1
PRESS-ON RETAINING CLIPS (Stainless Steel) for mounting turret base SSBs, JC6, and BC6		**JC/BC-Retaining**	1437661-7
Angle Bracket for mounting SSBs with right angle terminals, copper alloy, tin plated		**L92**	5-1437402-2

Accessories — Standard and Custom Legends

Product Facts

- **Permanent markings, impervious to cleaning solvents per MIL-STD 202, Method 215**
- **Alphabetical and numerical legending**
- **Numbers and characters can be in any order**
- **Size and spacing of characters may be tailored to your application**
- **White markings standard**
- **Custom legends available on special request**

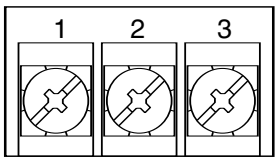




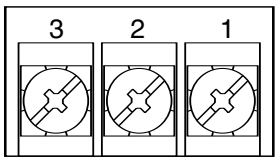
Custom legending can lend a personal touch to your product...helps in circuit identification and makes wiring faster and easier. Alphabetical and numerical markings are available in either standard or custom styles to best suit your specific applications.

Legending is available to the styles depicted below.

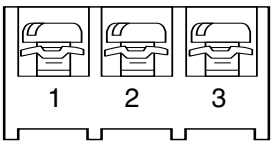
Standard Legending Arrangements



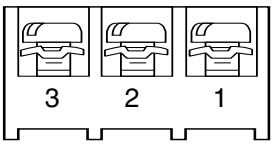
Style A1



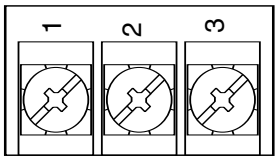
Style B1



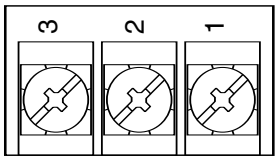
Style C1



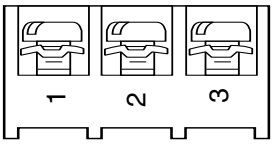
Style D1



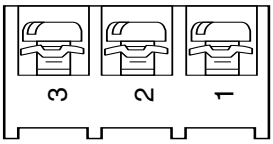
Style A2



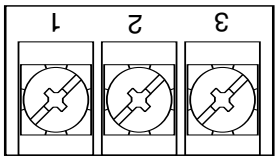
Style B2



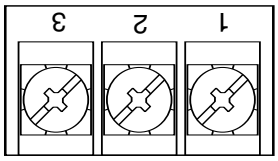
Style C2



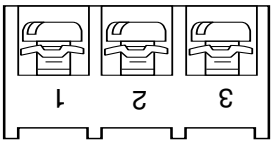
Style D2



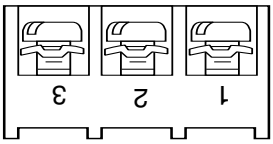
Style A3



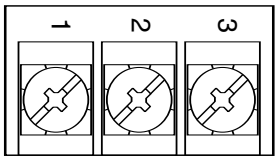
Style B3



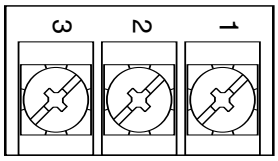
Style C3



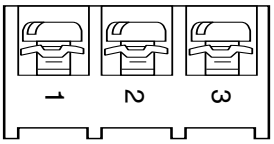
Style D3



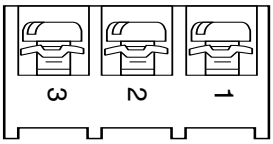
Style A4



Style B4



Style C4



Style D4

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Engineering Notes

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