

(2.54 mm) .100"

BSW SERIES

BOTTOM MOUNT SOCKET STRIPS

Mates with:

TSW, MTSW, HTSW,
MTLW, TSM, EW, ZW,
HW, DW, PHT

FEATURES

- Bottom mount socket strips accept .025" SQ terminals.
- Ideal for soldering and plugging from the same side of the board.
- For low-profile connections and high temperature soldering.

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?BSW

Insulator Material:

Black Thermoplastic
Insulation Resistance:
5000 MΩ min

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over
50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

Withstanding Voltage:

1000 VRMS @ 60 Hz

Insertion Depth:

(3.68 mm) .145" to

(6.35 mm) .250"

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave only

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings

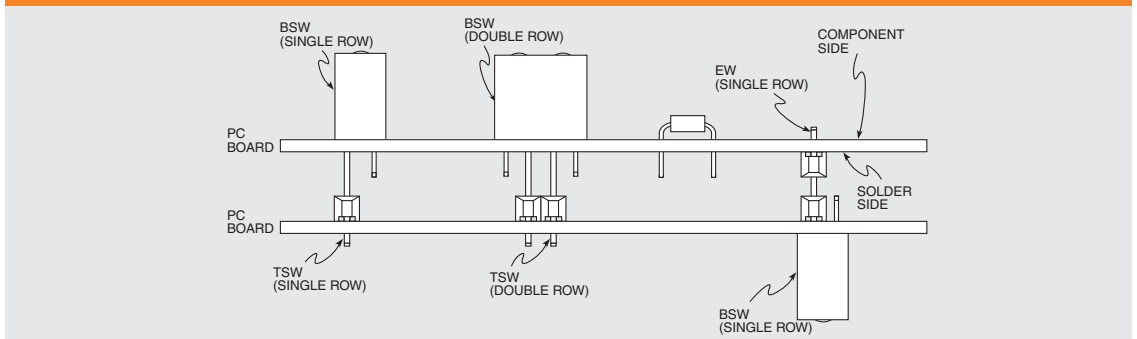
Note:
Some lengths, styles and options are non-standard, non-returnable.

BSW	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION								
		02 thru 36	-04 = Standard Lead	-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail		-S = Standoffs for single and double rows only.								
			-24 = Low Insertion Force	-G = 20 μ" (0.51 μm) Gold contact, Gold Flash on tail										
		<table border="1"> <thead> <tr> <th>Row Option</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>-S*</td> <td>(4.31) .170</td> </tr> <tr> <td>-M</td> <td>(3.43) .135</td> </tr> <tr> <td>-D*</td> <td>(4.32) .170</td> </tr> </tbody> </table>	Row Option	Z	-S*	(4.31) .170	-M	(3.43) .135	-D*	(4.32) .170		-T = Matte Tin (N/A with Low Insertion Force)		
Row Option	Z													
-S*	(4.31) .170													
-M	(3.43) .135													
-D*	(4.32) .170													
		*Less (0.38 mm) .015" with standoffs				(-S & -D only)								



	$(\text{No. of Pos.} \times (2.54) .100) + (0.51) .020$											
			-S = Single Row									
			-M = Single Row More Plug Space									
			-D = Double Row									
	<table border="1"> <thead> <tr> <th>Row Option</th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>-S</td> <td>(2.54) .100</td> <td>(5.08) .200</td> </tr> <tr> <td>-M</td> <td>(3.81) .150</td> <td>(6.35) .250</td> </tr> </tbody> </table>	Row Option	X	Y	-S	(2.54) .100	(5.08) .200	-M	(3.81) .150	(6.35) .250		
Row Option	X	Y										
-S	(2.54) .100	(5.08) .200										
-M	(3.81) .150	(6.35) .250										
	Body design may vary slightly from drawing shown.											

APPLICATIONS



Due to technical progress, all designs, specifications and components are subject to change without notice.

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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