



(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								
<p>02 thru 36</p>			<p>-04 = Standard Lead</p> <p>-24 = Low Insertion Force</p>	<p>-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail</p> <p>-G = 20 μ" (0.51 μm) Gold contact, Gold Flash on tail</p> <p>-T = Matte Tin (N/A with Low Insertion Force)</p>	<p>-S = Standoffs for single and double rows only.</p>									
<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> <p>*Less (0.38 mm) .015" with standoffs</p>			Row Option	Z	-S*	(4.31) .170	-M	(3.43) .135	-D*	(4.32) .170				
Row Option	Z													
-S*	(4.31) .170													
-M	(3.43) .135													
-D*	(4.32) .170													

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.

-S
= Single Row

-M
= Single Row
More Plug Space

-D
= Double Row

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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