

(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](http://www.samtec.com?BSW)

### Insulator Material:

Black Thermoplastic

### Insulation Resistance:

5000 MΩ min

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50μ" (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

### Contact Resistance:

10 mΩ

### Insertion Depth:

(3,68 mm) .145" to

(6,35 mm) .250"

### Insertion Force:

(Single contact only)

Standard = 8 oz (2,23 N) avg.

Low Insertion Force = 3 oz

(0,83 N) avg.

### Withdrawal Force:

(Single contact only)

Standard = 8 oz (2,23 N) avg.

Low Insertion Force = 3 oz

(0,83 N) avg.

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Wave only

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**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<br>= Standard Lead       | -L<br>= 10μ" (0,25 μm)<br>Gold contact,<br>Matte Tin on tail  | -S<br>= Standoffs<br>for single<br>and double<br>rows only. | <br>(-S & -D only) |
|            |   |                  | -24<br>= Low Insertion Force | -G<br>= 20μ" (0,51 μm)<br>Gold contact,<br>Gold Flash on tail |                                                             |                    |
|            |   |                  |                              | -T<br>= Matte Tin<br>(N/A with Low Insertion Force)           |                                                             |                    |

**ALSO AVAILABLE (MOQ Required)**

- Other platings
- Contact Samtec.

**TIGER BUY CONTACT**

| Row Option | X           | Y           |
|------------|-------------|-------------|
| -S         | (2,54) .100 | (5,08) .200 |
| -M         | (3,81) .150 | (6,35) .250 |
| -E         | (4,31) .170 | (6,86) .270 |

Body design may vary slightly from drawing shown.

-S = Single Row  
-M = Single Row More Plug Space  
-E = Single Row Extended Plug Space  
-D = Double Row

## APPLICATIONS

