

(2,54 mm) .100"

BSW SERIES

BSW-115-04-G-D

BSW-124-04-T-S-S

BSW-110-24-L-S

# 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

### Current Rating:

3A per contact

### 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

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

BSW

1

NO. PINS PER ROW

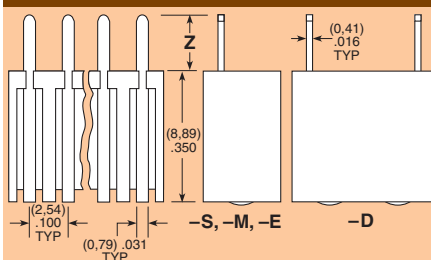
LEAD STYLE

PLATING OPTION

ROW OPTION

OTHER OPTION

02 thru 36



| Row Option | Z           |
|------------|-------------|
| -S*        | (4,31) .170 |
| -M         | (3,43) .135 |
| -E         | (2,54) .100 |
| -D*        | (4,32) .170 |

\*Less  
(0,38 mm)  
.015" with  
standoffs

-04

= Standard Lead

-24

= Low Insertion Force

-L

= 10μ" (0,25 μm)  
Gold contact,  
Matte Tin on tail

-G

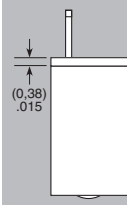
= 20μ" (0,51 μm)  
Gold contact,  
Gold Flash on tail

-T

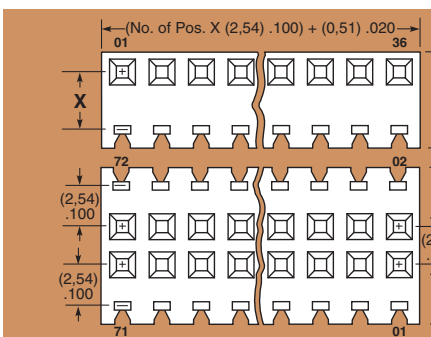
= Matte Tin  
(N/A with Low  
Insertion Force)

**Note:** Other Gold plating options available. Contact Samtec.

-S  
= Standoffs for single and double rows only.



(-S & -D only)



| 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.

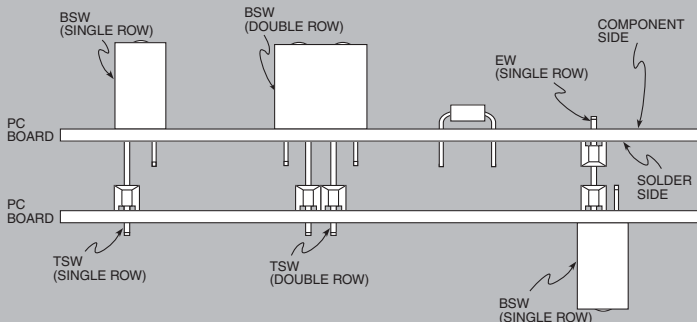
-S = Single Row

-M = Single Row More Plug Space

-E = Single Row Extended Plug Space

-D = Double Row

## APPLICATIONS



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

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