



BOTTOM MOUNT STRIPS BSW SERIES

Mates with:
TSW, MTSW, MTLW,
EW, ZW, TSM

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 High Temperature Thermoplastic



Insulation Resistance:

5000 MΩ min



Contact Material:

Phosphor Bronze

Plating:

Au or Sn over 50µ" (1,27µm) Ni

Current Rating:

3A

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 max

Insertion Depth:

(3,68mm) .145" to

(6,35mm) .250"

Insertion Force:

(Single contact only)

(-S plating)

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

Low Insertion Force = 3oz

(0,83N) avg

Withdrawal Force:

(Single contact only)

(-S plating)

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

Low Insertion Force = 3oz

(0,83N) avg

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 (0,38mm) .015" with standoffs

-04
= Standard Lead

-24
= Low Insertion Force

-G
= 20µ" (0,51µm) Gold Contact, Gold Flash Tail

-S
= 30µ" (0,76µm) Gold Contact, Matte Tin Tail

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

-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	(8,86) .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.