



(2,54mm) .100"
BSW SERIES

BOTTOM MOUNT SOCKET STRIPS

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)

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

Low Insertion Force = 3oz

(0,83N) avg.

Withdrawal Force:

(Single contact only)

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

Low Insertion Force = 3oz

(0,83N) avg.

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave only

Note: Other Gold plating options available. Contact Samtec.

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

BSW — **1** — **NO. PINS PER ROW**

LEAD STYLE

—04 = Standard Lead

—24 = Low Insertion Force

PLATING OPTION

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

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

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

ROW OPTION

—S = Standoffs for single and double rows only.

OTHER OPTION

—S = Standoffs for single and double rows only.

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

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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