

(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

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



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 = Standard Lead	-L = 10μ" (0,25 μm) Gold contact, Matte Tin on tail	-S = Standoffs for single and double rows only.	 (0,39) (0,015)
			-24 = Low Insertion Force	-G = 20μ" (0,51 μm) Gold contact, Gold Flash on tail		
			-T = Matte Tin (N/A with Low Insertion Force)			

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

Row Option Z

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

TIGER BUY CONTACT

(No. of Pos. X (2,54) .100) + (0,51) .020

01 36

72 02

71 01

Y

X

-S
-M
-E

-D

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

