



(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
 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: Yes
 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	PLATING OPTION	ROW OPTION	OTHER OPTION
		02 thru 36	-04 = Standard Lead -24 = Low Insertion Force	-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)		-S = Standoffs for single and double rows only.

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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