

(2,54mm) .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, 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:

Wave only

Note: Other Gold plating options available. Contact Samtec.

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

BSW

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NO. PINS PER ROW

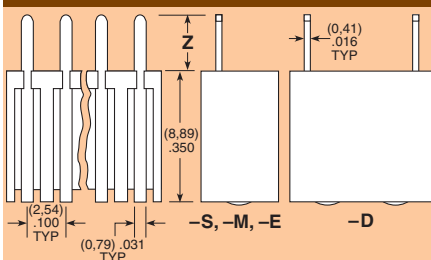
LEAD STYLE

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

-L

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

-G

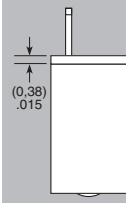
= 20μ" (0,51μm)
Gold contact,
Gold Flash on tail

-T

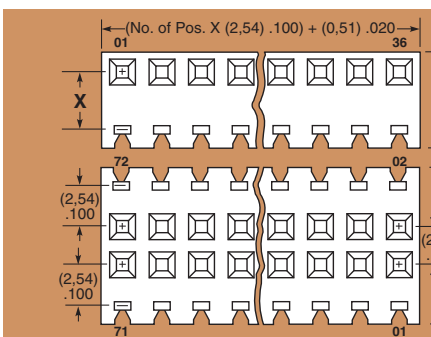
= Matte Tin
(N/A with Low
Insertion Force)

-S

= Standoffs
for single
and double
rows only.



(-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.

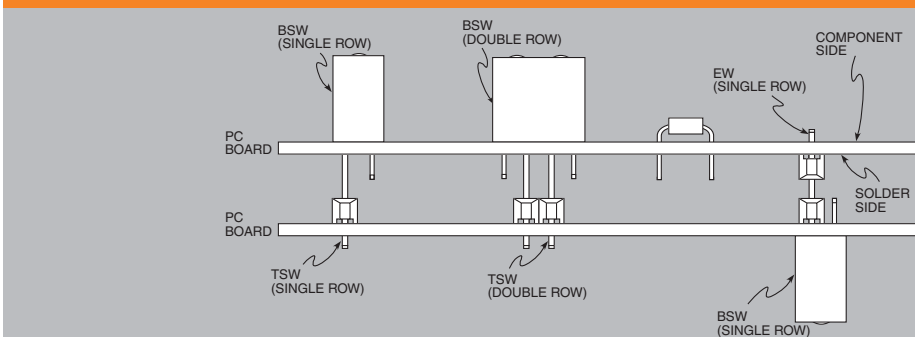
-S = Single Row

-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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