

(2,54 mm) .100"

SSW SERIES

# SMT .025" SQ POST SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SSW](http://www.samtec.com?SSW)

**Insulator Material:**

Black LCP

**Contact Material:**

Phosphor Bronze

**Plating:**

Au or Sn over

50µ" (1,27 µm) Ni

**Current Rating (SSW/TSW):**

5.7 A per pin

(1 pin powered per row)

**Operating Temp Range:**

-55°C to +125°C with Gold

-55°C to +105°C with Tin

**Contact Resistance:**

10 mΩ

**Insertion Depth:**

(3,68 mm) .145" to

(6,35 mm) .250"

**Insertion Force:**

(Single contact only)

3 oz (0,83 N) avg.

**Withdrawal Force:**

(Single contact only)

2.6 oz (0,72 N) avg.

**Max Cycles:**

100 with 10µ" (0,25 µm) Au

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

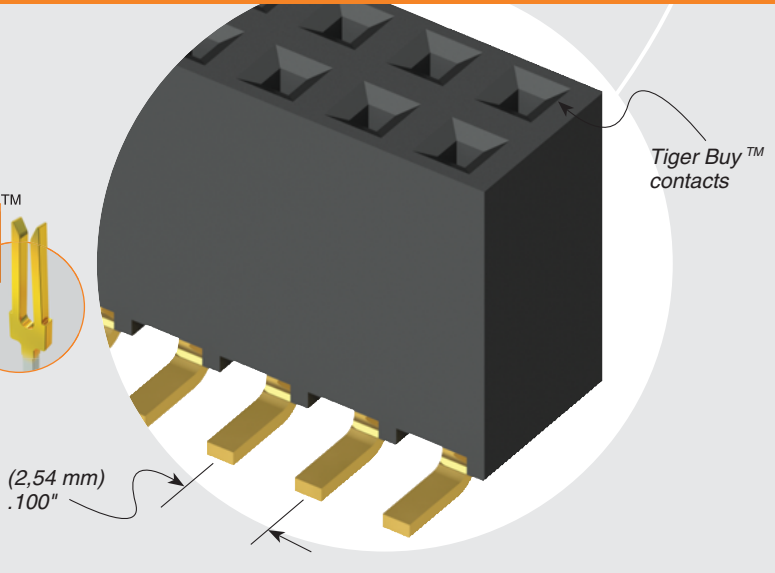
Yes

**SMT Lead Coplanarity:**

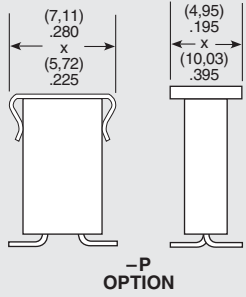
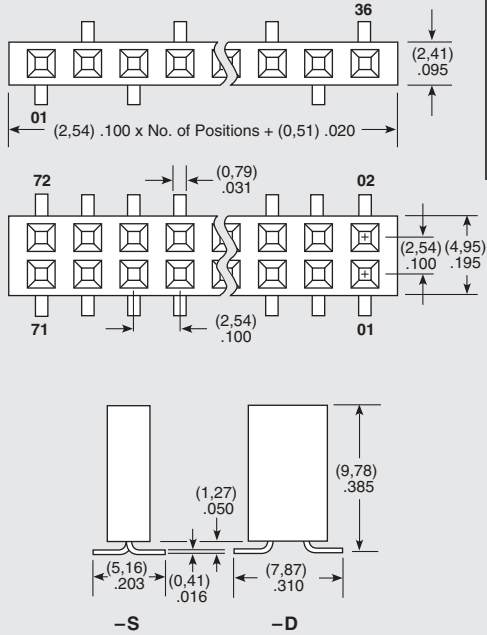
(0,10 mm) .004" max

**Mates With:**

TSW, MTSW, HTSW,  
HMTSW, MTLW, EW, ZW,  
TSS, HTSS, ZSS, TSM,  
TSSH, DW, HW



<b>SSW</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>22</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>VS</b>	<b>OTHER OPTION</b>
<b>02 thru 36</b>				<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p> <p><b>-L</b> = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail</p> <p><b>-G</b> = 20µ" (0,51 µm) Gold on contact, Gold flash on tail</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>-“XX”</b> = Polarized Position</p> <p><b>-K</b> = -S: (3,50 mm) .138" DIA, -D: (6,50 mm) .256" DIA Polyimide film Pick &amp; Place Pad (03 positions min.)</p> <p><b>-P</b> = Pick &amp; Place Pad (05 positions min.)</p> <p><b>-TR</b> = Tape &amp; Reel Packaging (-02 thru -28)</p>	



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Notch option
- Contact Samtec.

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

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