

(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  
50 μ" (1.27 μm) Ni

**Current Rating (SSW/TSM):**  
4.7 A per pin  
(2 pins powered)

**Operating Temp Range:**  
-55 °C to +125 °C with Gold  
-55 °C to +105 °C with Tin

**Insertion Depth:**  
(3.68 mm) .145" to  
(6.35 mm) .250"

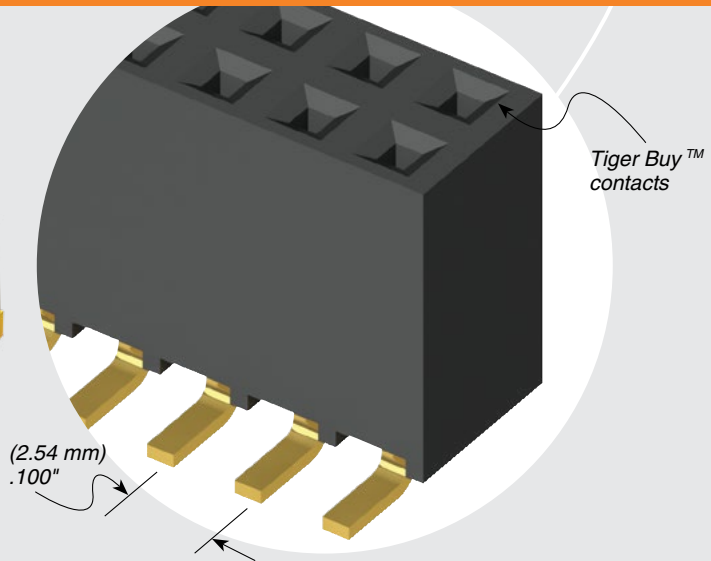
**Max Cycles:**  
100 with 10 μ" (0.25 μm) Au

**Voltage Rating:**  
465 VAC / 655 VDC

**RoHS Compliant:**  
Yes

**Mates With:**

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



**HIGH-SPEED CHANNEL PERFORMANCE**

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**8**  
Gbps

## PROCESSING

**Lead-Free Solderable:**

Yes  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max

## RECOGNITIONS

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



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Notch option

<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> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail</p> <p><b>-G</b> = 20 μ" (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>	

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.