



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



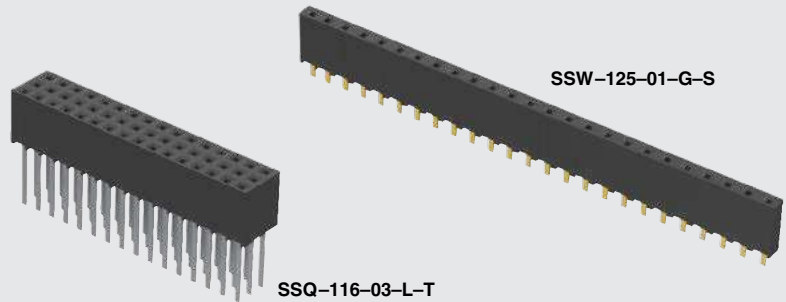
## Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





(2.54 mm) .100"

# THROUGH-HOLE .025" SQ POST SOCKET

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SSW](http://www.samtec.com?SSW) or [www.samtec.com?SSQ](http://www.samtec.com?SSQ)

**Insulator Material:**  
Black Liquid Crystal Polymer (-S & -D) or Black High Temperature Thermoplastic (-T)

**Contact Material:**  
Phosphor Bronze

**Plating:**

Au or Sn over 50 μm (1.27 μm) Ni

**Current Rating (SSW/TSM):**  
4.7 A per pin (1 pin powered per row)

**Current Rating (SSQ/TSW):**  
6.3 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

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

**Normal Force:**  
Standard= 125 grams (4.4 N)

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

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

**RoHS Compliant:**  
Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes:

- S and -D row option
- Wave only:
- P, -T and -Q row option

## RECOGNITIONS

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



**Mates With:**  
TSW, MTSW, MTLW,  
EW, ZW, TSS, ZSS,  
TSM, TSSH, HTSS



TYPE STRIP

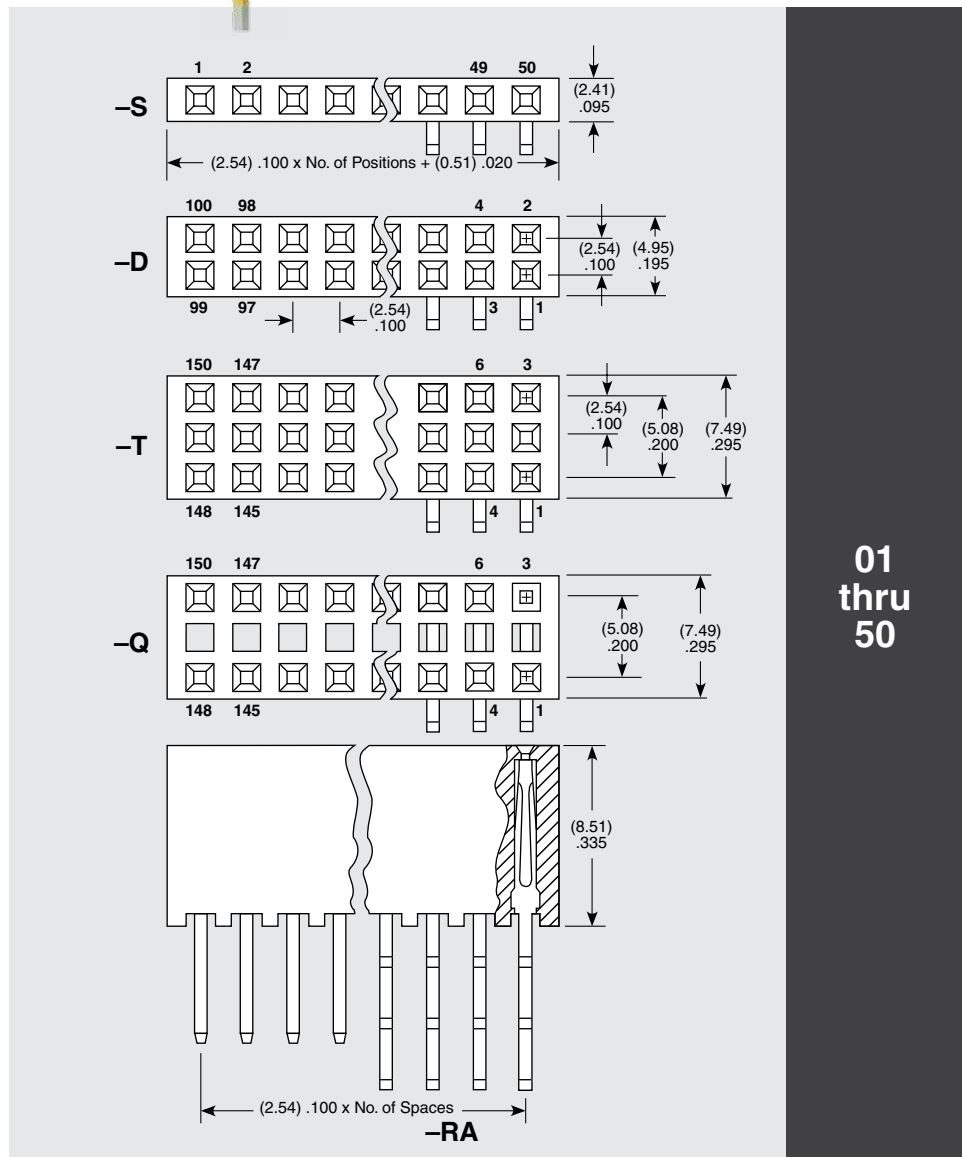
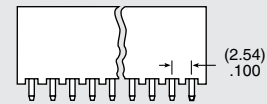
PIN CENTERS

NO. PINS PER ROW

SSW = Solder Tail

-1 = (2.54 mm) .100" Centers

SSQ = Square Tail

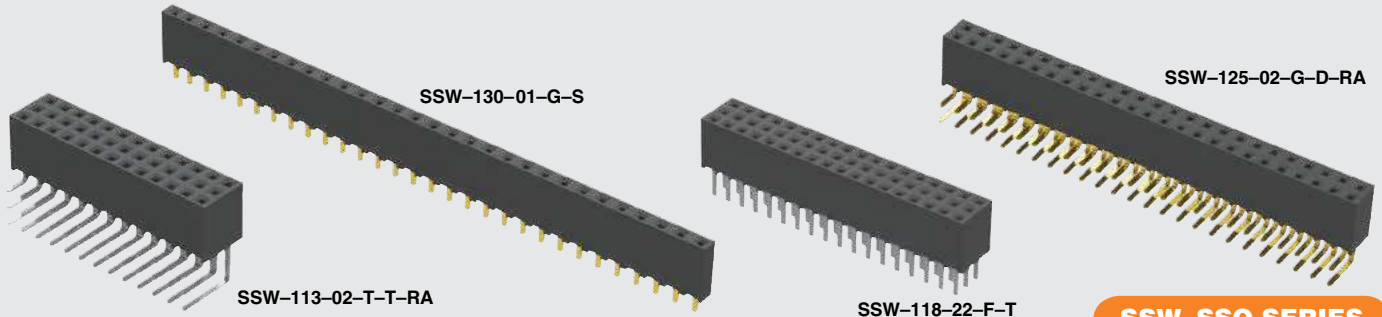


**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

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.



**SSW, SSQ SERIES**

**LEAD STYLE**

**PLATING OPTION**

**ROW OPTION**

**TAIL OPTION**

**OTHER OPTION**

**-F**  
= Gold flash on contact, Matte Tin on tail

**-L**  
= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

**-G**  
= 20 μ" (0.51 μm) Gold on contact, Gold flash on tail

**-T**  
= Matte Tin  
(-T N/A on LIF contacts)

**-S**  
= Single Row

**-P**  
= Single Row  
(36 pins max)

**-D**  
= Double Row

**-T**  
= Triple Row

**-Q**  
= Double Row  
.200" (5.08 mm) row space  
(Outer rows filled only)

**-RA**  
= Right-angle  
(Leave blank for straight pin version)

**-LL**  
= Locking Lead

Two leads per strip crimped in opposite directions on or near centerline. Available on tails from (2.29 mm) .090" to (7.87 mm) .310" only. N/A with single row 1 or 2 positions.

**-"XXX"**  
= Polarized  
(Specify "XXX" as position number)

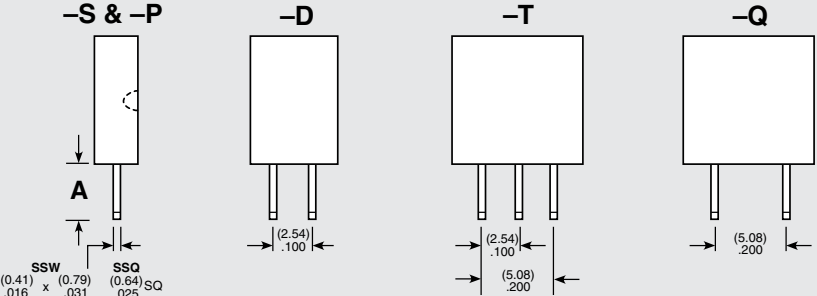
**ALSO AVAILABLE (MOQ Required)**

- Other platings
  - Notch option
- Contact Samtec.

**Straight Pin Versions** (Specify "LEAD STYLE" from chart)

LEAD STYLE		SINGLE DOUBLE OR TRIPLE A
Standard Insertion Force	Low Insertion Force*	
-01	-21	(2.64) .104
-02	-22	(4.93) .194
-03	-23	(10.00) .394
-04	-24	(14.83) .584
-06**	N/A	(3.15) .124

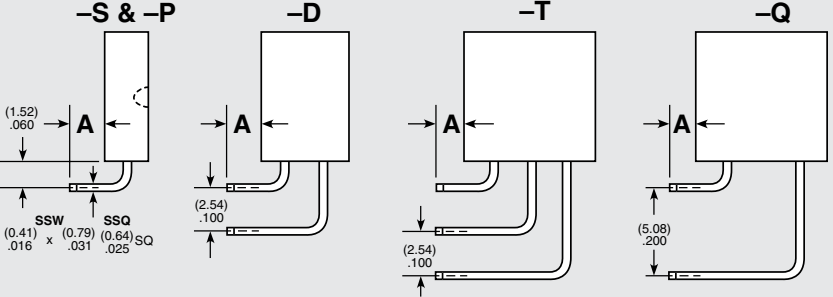
\* LIF N/A with Tin Plating  
\*\*Style -06 N/A with SSQ



**Right-angle Versions** (Specify "LEAD STYLE" from chart)

LEAD STYLE		SINGLE	DOUBLE	TRIPLE
Standard Insertion Force	Low Insertion Force*	(-S & -P) A	(-D) A	(-T & -Q) A
-02	-22	(2.54) .100	(2.54) .100	(2.54) .100
-03	-23	(7.62) .300	(7.62) .300	N/A
-04	-24	(12.45) .490	N/A	N/A

\*LIF N/A with Tin Plating



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