

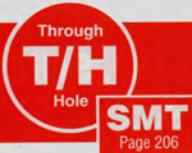
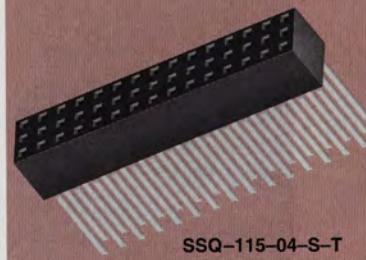
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Jameco Part Number 2036251



# SOCKET STRIP SSW & SSQ SERIES

## 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

**Operating Temp Range:** -65°C to +125°C with Gold  
-65°C to +105°C with Tin

**Plating:**

Au or Sn over 50 $\mu$ " (1.27 $\mu$ m) Ni

**Contact Resistance:** 10 m $\Omega$  max

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

**Insertion Force:** (Single contact only) (-S plating)

Standard= 6oz (1.67N) avg ((0.64mm) .025" SQ pin); SSW Low Insertion Force=

3oz (0.83N) avg

SSQ Low Insertion Force=

3.3oz (0.92N) avg

**Normal Force:**

Standard= 125grams (4.4N)

**Withdrawal Force:**

(Single contact only) (-S plating)

Standard= 5oz (1.39N) avg ((0.64mm) .025" SQ pin); SSW Low Insertion Force=

2.6oz (0.72N) avg

SSQ Low Insertion Force=

2.9oz (0.81N) avg

**Max Cycles:**

100 with 10 $\mu$ " (0.25 $\mu$ m) Au

**Voltage Rating:**

550 VAC mated with TSW

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

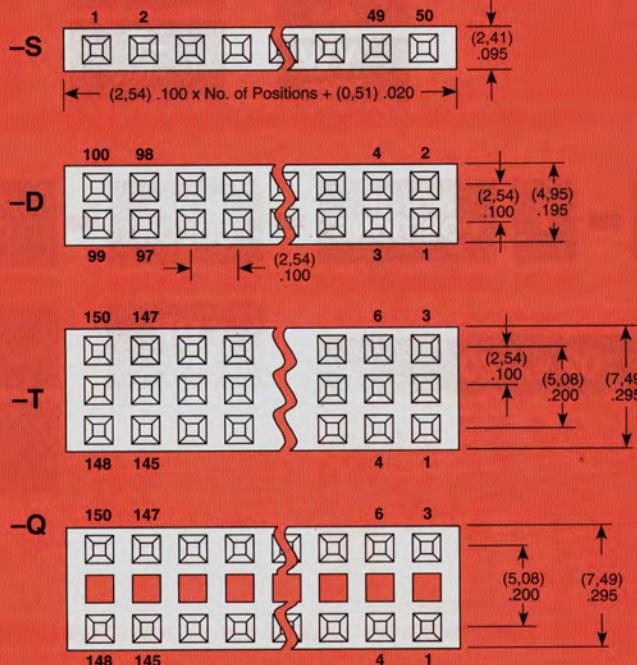
## TYPE STRIP

**SSW** = Solder Tail

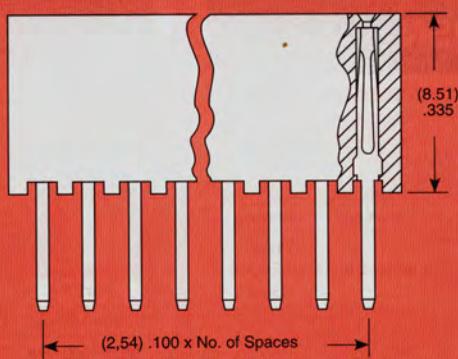
**SSQ** = Square Tail

## PIN CENTERS

**-1** = (2.54mm) .100" Centers



01  
thru  
50



CURRENT RATING	
AMBIENT TEMPERATURE	SSW mated with TSW
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

**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**

SSQ-130-02-S-S

SSW-130-02-G-D-RA

SSW-115-02-T-Q-RA

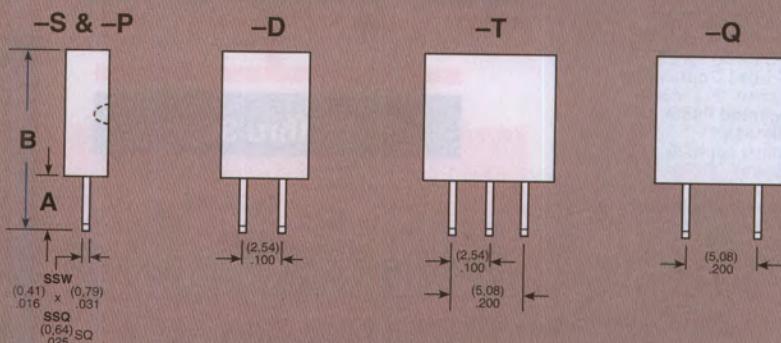
SSW-122-03-S-T

**LEAD  
STYLE****PLATING  
OPTION****ROW  
OPTION****TAIL  
OPTION****OTHER  
OPTION****-G** = 20 $\mu$ " (0.51 $\mu$ m) Gold on contact,  
Gold flash on tail**-F** = Gold flash on contact,  
Tin on tail**-S** = 30 $\mu$ " (0.76 $\mu$ m) Gold on contact,  
Tin tail**-T** = Tin on contact and tail  
(Tin N/A on LIF contacts)**-S** = Single Row**-P** = (Notched to mate with  
LCW) 36 pins max**-D** = Double Row**-T** = Triple Row**-Q** = .200" (5.08mm) row space  
(Outer rows filled only)**-RA**  
= Right Angle  
(Leave blank  
for straight pin  
version)**-LL**  
= Locking LeadTwo leads per strip  
crimped in opposite  
directions on or near  
centerline. Available on  
tails from (2.29) .090"  
to (7.87) .310" only.  
N/A with single row 1  
or 2 positions.**"XXX"**  
= Polarized  
(Specify "xxx" as position  
number)**Straight Pin Versions** (Specify "LEAD STYLE" from chart)

LEAD STYLE		SINGLE DOUBLE OR TRIPLE	
Standard Insertion Force	Low Insertion Force*	A	B
- 01	- 21	(2.64) .104	(11.05) .435
- 02	- 22	(4.93) .194	(13.34) .525
- 03	- 23	(10.00) .394	(18.42) .725
- 04	- 24	(14.83) .584	(23.24) .915
- 06**	N/A	(3.00) .118	(11.50) .453

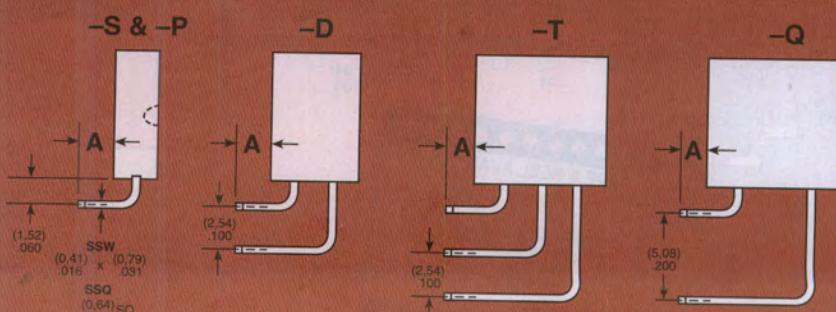
\* LIF N/A with Tin Plating

\*\* 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)	(-D)	(-T & -Q)
- 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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