

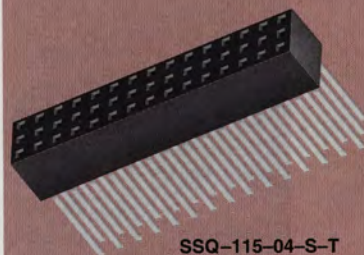
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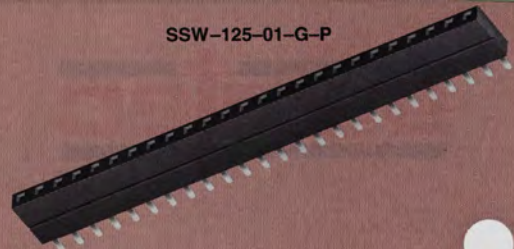
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Jameco Part Number 2036251



SSQ-115-04-S-T



Through  
T/H  
Hole

SMT  
Page 206

## 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 50µ" (1,27µm) Ni

**Contact Resistance:**  
10 mΩ 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 10µ" (0,25µm) Au

**Voltage Rating:**  
550 VAC mated with TSW

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

TYPE STRIP

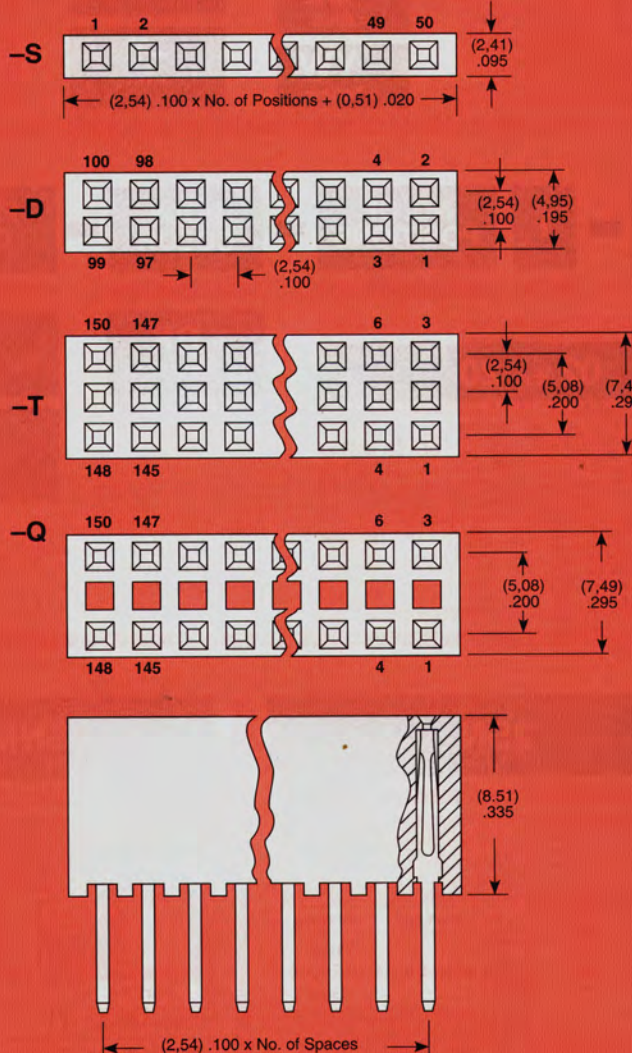
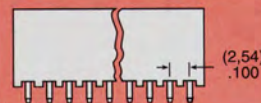
PIN CENTERS

NO. PINS  
PER ROW

SSW = Solder Tail

SSQ = Square Tail

-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

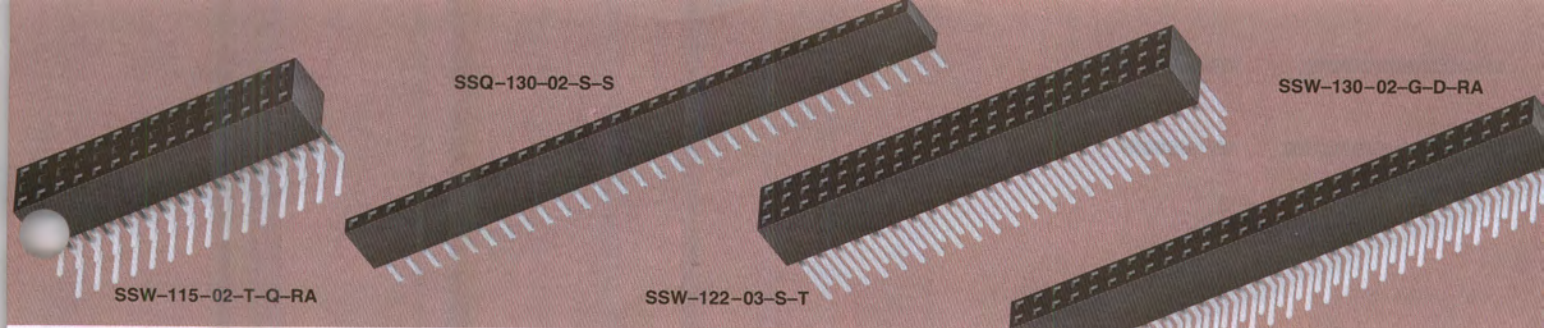
**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

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

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

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

**-S** = 30μ" (0,76μm) Gold on contact, Tin tail

**-T** = Tin on contact and tail (Tin N/A on LIF contacts)

**-S** = Single Row

**-P** = Single Row (Notched to mate with LCW) 36 pins max

**-D** = Double Row

**-T** = Triple Row

**-Q** = Double Row .200" (5,08mm) 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) .090" to (7,87) .310" only. N/A with single row 1 or 2 positions.

**-“XXX”**  
= Polarized (Specify “xxx” as position number)

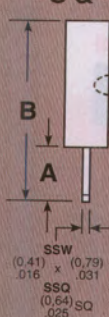
## Straight Pin Versions (Specify “LEAD STYLE” from chart)

LEAD STYLE	Standard Insertion Force	Low Insertion Force*	SINGLE DOUBLE OR TRIPLE	
			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

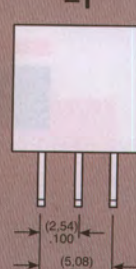
**-S & -P**



**-D**



**-T**



**-Q**

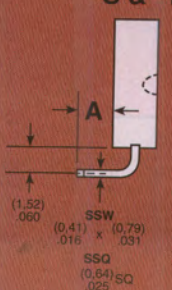


## Right Angle Versions (Specify “LEAD STYLE” from chart)

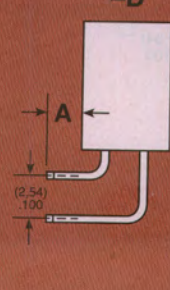
LEAD STYLE	Standard Insertion Force	Low Insertion Force*	SINGLE	DOUBLE	TRIPLE
			(-S & -P) A	(-D) A	(-T & -Q) A
-02	-22	(2,54) .100	(2,54) .100	(2,54) .100	
-03	-23	(7,62) .300	(7,62) .300		N/A
-04	-24	(12,45) .490		N/A	N/A

\*LIF N/A with Tin Plating

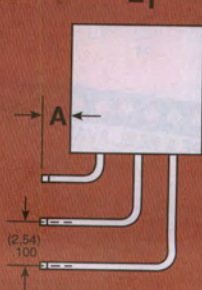
**-S & -P**



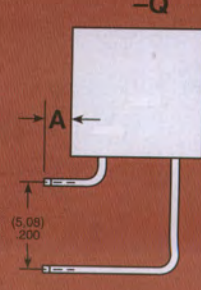
**-D**



**-T**



**-Q**



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