

SSQ-115-04-S-T

SSW-125-01-G-S



# .025" SQ SOCKET STRIPS SSW & SSQ SERIES

Mates With:  
TSW, MTSW, TLW, FHW,  
MTLW, BST, LCW, EW,  
ZW, TSS, ZSS, TSM,  
CTSW, BHT, BHB

## Specifications: SSW, SSQ HI-TEMP

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

Contact Material:  
Phosphor Bronze

Current Rating:  
3A continuous

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:  
.100" (2.54 mm) to  
.250" (6.35 mm)

Insertion Force:  
(-S plating)

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

SSW Low Insertion Force=  
3 oz (0.83N) avg

SSQ Low Insertion Force=  
3.3 oz (0.92N) avg

Withdrawal Force:  
(-S plating)

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

SSW Low Insertion Force=  
2.6 oz (0.72N) avg

SSQ Low Insertion Force=  
2.9 oz (0.81N) avg

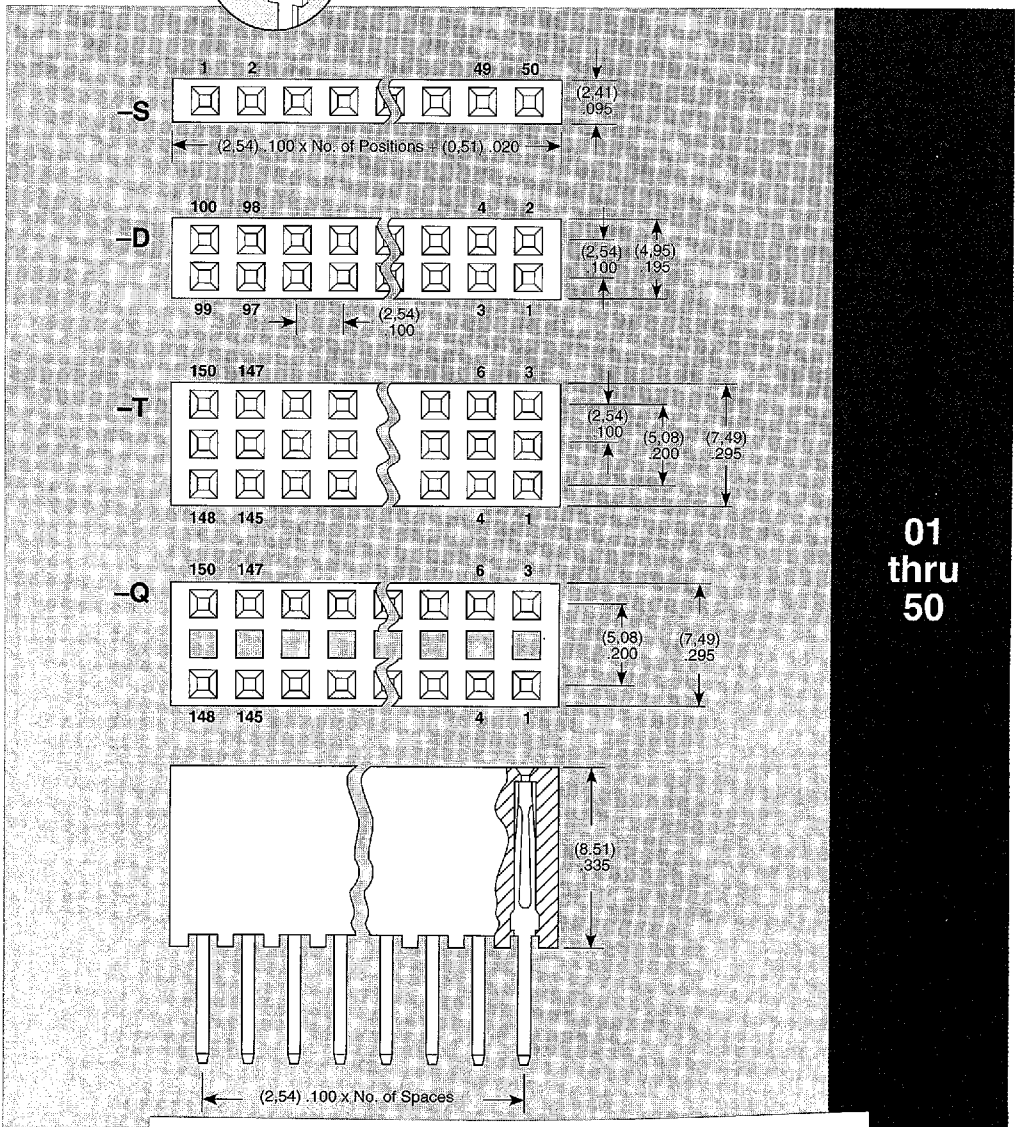
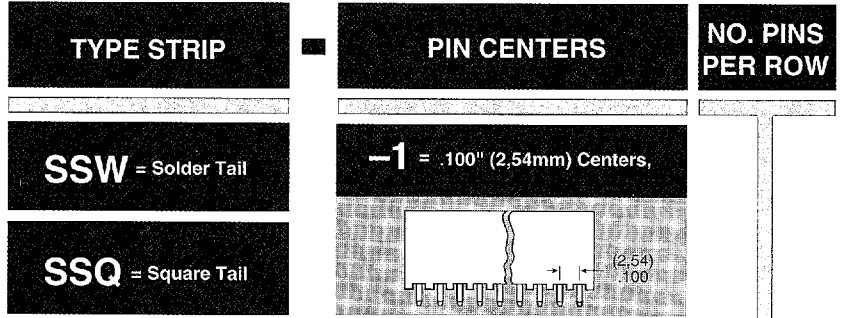
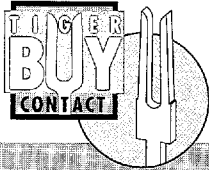
Impedance:  
50Ω (system @ 50Ω)

Propagation Delay:  
76.0pS @ 100pS

Cross Talk:  
-18.3 dB G/S/S/G @ 1.0 GHz

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

*For Low Profile  
sockets see our  
CLH, CES & SLW  
series!*



01  
thru  
50

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

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

SSW-115-02-T-Q-RA

SSQ-130-02-S-S

SSW-130-02-G-D-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

**-T** = 200µ" (5,08µm) Tin on contact and tail  
(Tin N/A on LIF contacts)

**-S** = 30µ" (0,76µm) Gold on contact  
200µ" (5,08µm) Tin tail

**-S** = Single Row

**-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)

**-VS**  
= Vertical  
Surface Mount

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

**-LL**  
= Locking Lead

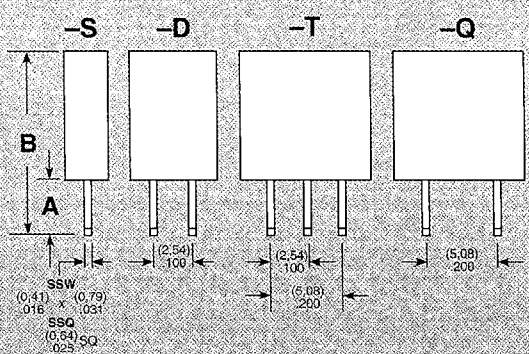
Two leads per strip crimped in opposite directions on or near centerline. Available on tails from (2,29) .090" to (7,87) .310 only. N/A with single row 1 or 2 positions.



*Surface Mount!*

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

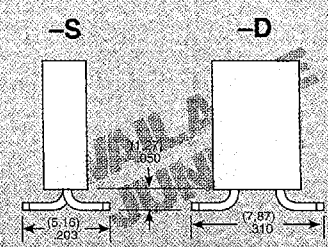
LEAD STYLE		SINGLE DOUBLE OR TRIPLE	
Standard Insertion Force	Low Insertion Force*	A	B
-01	-21	(2,54) .100	(11,05) .435
-02	-22	(4,83) .190	(13,34) .525
-03	-23	(9,91) .390	(18,42) .725
-04	-24	(14,73) .580	(23,24) .915
-06**	N/A	(3,00) .118	(11,50) .453



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

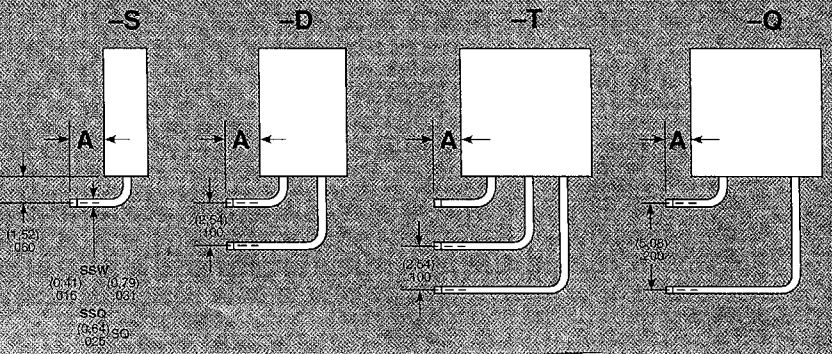
**Surface Mount Versions**

(Requires SSW and "LEAD STYLE" -21 (-S & -D only))



**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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