

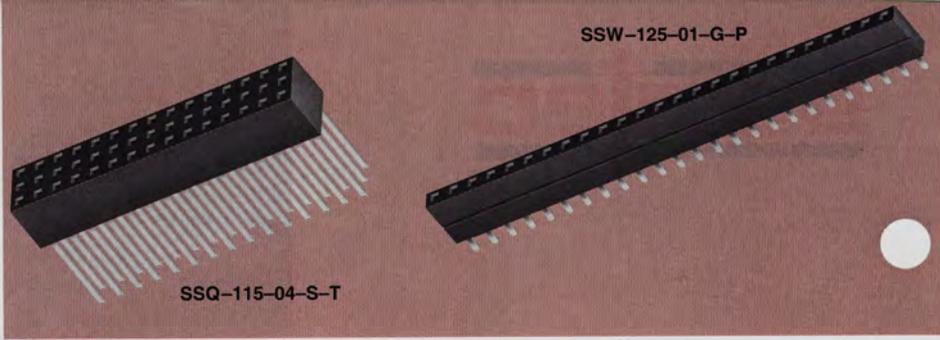
Distributed by:

JAMECO[®]
ELECTRONICS

www.Jameco.com ♦ 1-800-831-4242

The content and copyrights of the attached
material are the property of its owner.

Jameco Part Number 2023513



Through
T/H
Hole
SMT
Page 206

SOCKET STRIP SSW & SSQ SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?SSW or 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

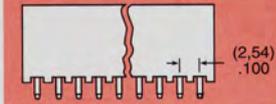
TYPE STRIP

SSW = Solder Tail

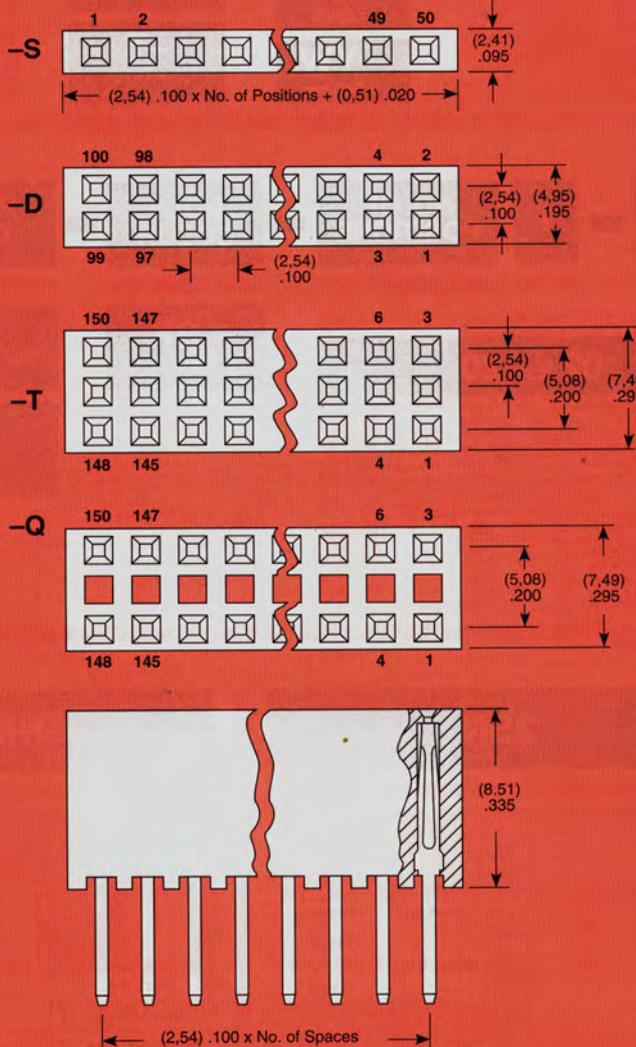
SSQ = Square Tail

PIN CENTERS

-1 = (2,54mm) .100" Centers



NO. PINS PER ROW



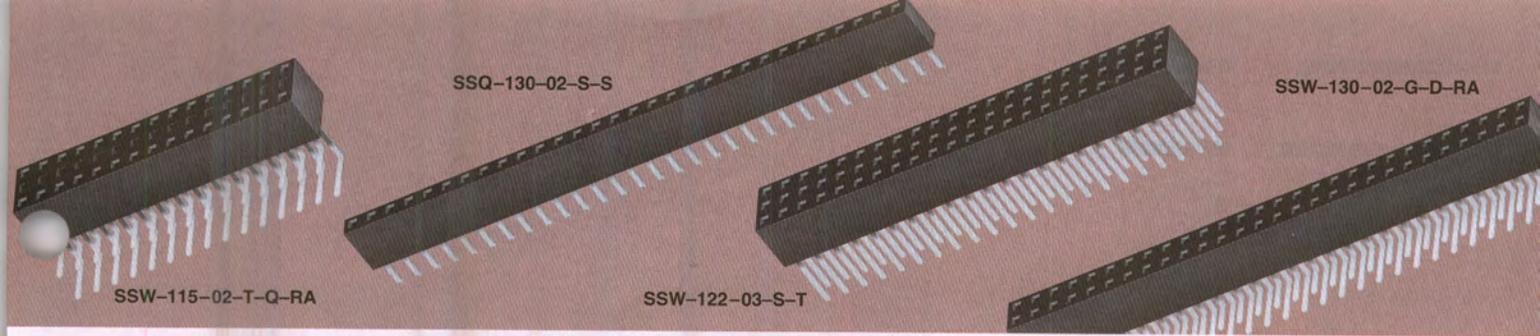
01
thru
50

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



LEAD STYLE

PLATING OPTION

ROW OPTION

TAIL OPTION

OTHER OPTION

-G = 20 μ " (0,51 μ m) Gold on contact, Gold flash on tail

-F = Gold flash on contact, Tin on tail

-S = 30 μ " (0,76 μ m) 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)

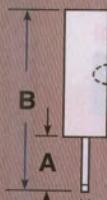
Straight Pin Versions (Specify "LEAD STYLE" from chart)

LEAD STYLE		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

-S & -P

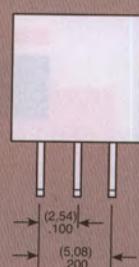


SSW (0,41) x (0,79) .016 x .031
SSQ (0,64) SQ .025

-D



-T



-Q

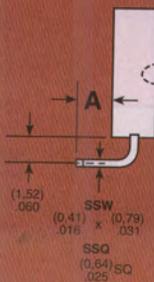


Right Angle Versions (Specify "LEAD STYLE" from chart)

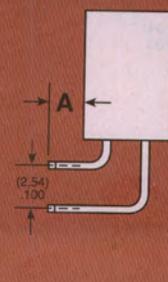
LEAD STYLE		SINGLE	DOUBLE	TRIPLE
Standard Insertion Force	Low Insertion Force*	(-S & -P) A	(-D) A	(-T & -Q) A
-02	-22	(2,54) .100	(2,54) .100	(2,54) .100
-03	-23	(7,62) .300	(7,62) .300	N/A
-04	-24	(12,45) .490	N/A	N/A

*LIF N/A with Tin Plating

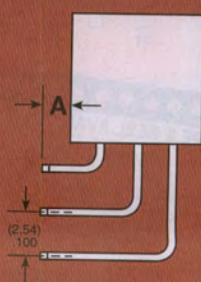
-S & -P



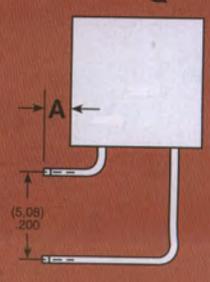
-D



-T



-Q



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

WWW.SAMTEC.COM