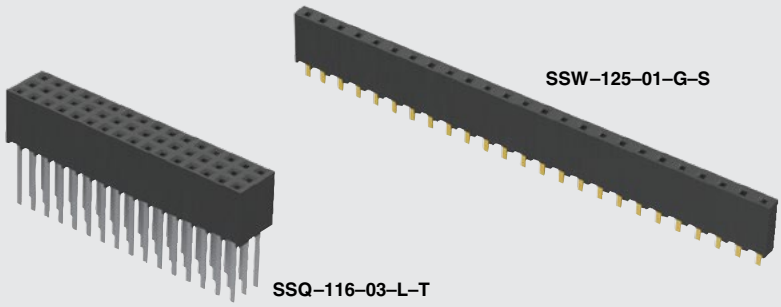
samtec



(2.54 mm) .100"

THROUGH-HOLE .025" SQ POST SOCKET

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
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating (SSW/TSM):
4.7 A per pin
(2 pins powered)
Current Rating (SSQ/TSW):
6.3 A per pin
(2 pins powered)
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 µ" (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

FILE NO. E111594

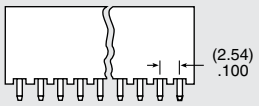
Note:
Some lengths, styles and options are non-standard, non-returnable.

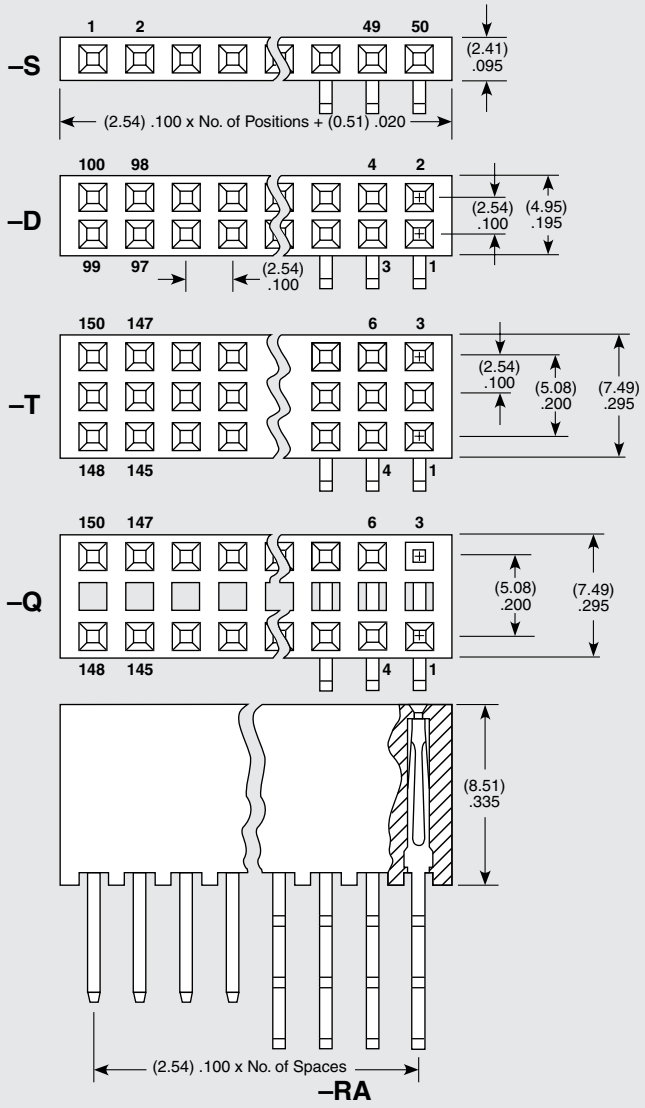
Mates With:
TSW, MTSW, MTLW, EW, ZW, TSS, ZSS, TSM, TSSH, HTSS

TIGER BUY™ CONTACT



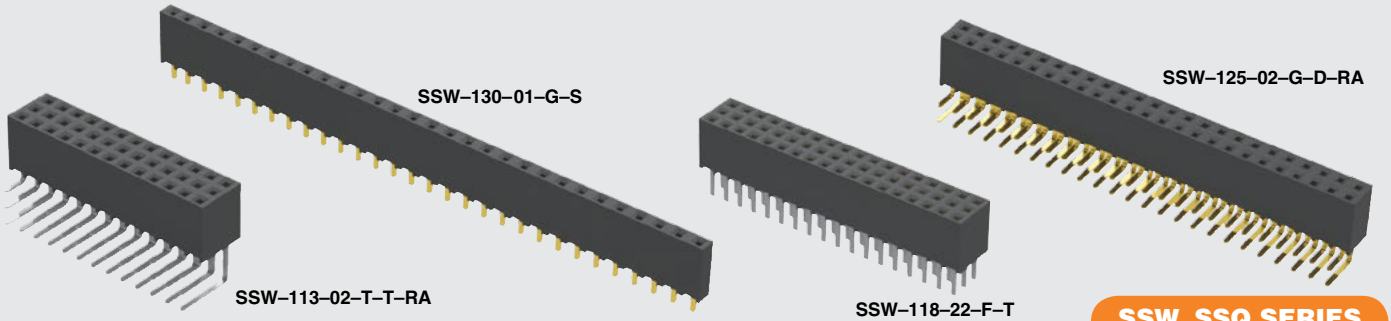
TYPE STRIP		PIN CENTERS		NO. PINS PER ROW
SSW = Solder Tail		–1 = (2.54 mm) .100" Centers		01 thru 50
SSQ = Square Tail				





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

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

–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)

ROW OPTION

–S
= Single Row

–P
= Single Row
(36 pins max)

–D
= Double Row

–T
= Triple Row

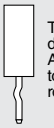
–Q
= Double Row
.200" (5.08 mm) row space
(Outer rows filled only)

TAIL OPTION

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

OTHER OPTION

–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)

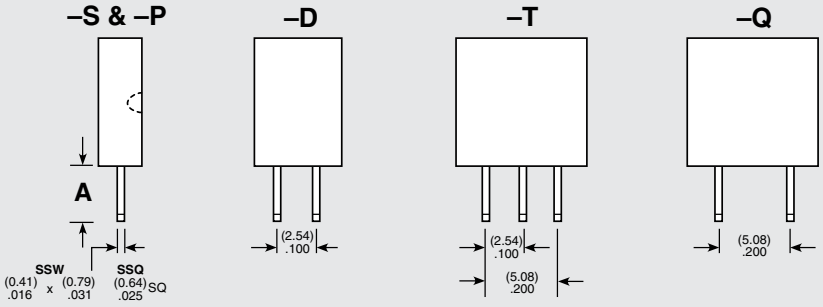
- Other platings
- Notch option

Contact Samtec.

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

LEAD STYLE		SINGLE DOUBLE OR TRIPLE
Standard Insertion Force	Low Insertion Force*	A
–01	–21	(2.64) .104
–02	–22	(4.93) .194
–03	–23	(10.00) .394
–04	–24	(14.83) .584
–06**	Not Available	(3.15) .124

* LIF not available with Tin Plating
**Style –06 Not available with SSQ



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

LEAD STYLE		SINGLE	DOUBLE	TRIPLE
Standard Insertion Force	Low Insertion Force*	(–S) 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	Not Available
–04	–24	(12.45) .490	Not Available	Not Available

*LIF not available with Tin Plating

