



**THE DATASHEET OF  
SSW-134-02-G-S-RA**



# THROUGH-HOLE .025" SQ POST SOCKET

(2.54 mm) .100" PITCH • SSW/SSQ SERIES



## SSW/SSQ

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

### SPECIFICATIONS

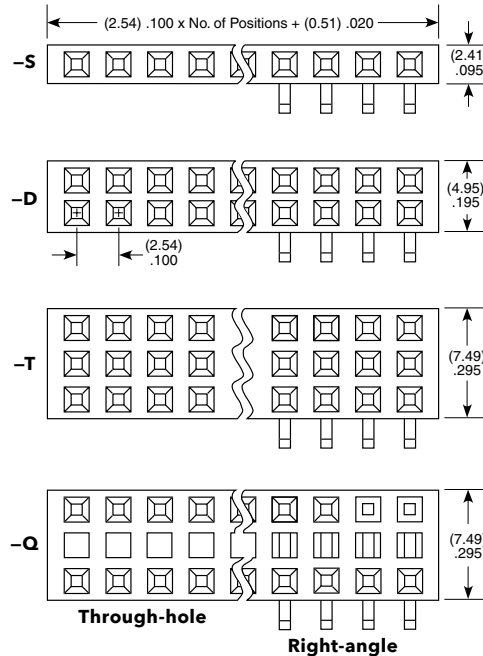
**Insulator Material:**  
Black Liquid Crystal Polymer (-S & -D) or  
Black High Temperature Thermoplastic (-T)  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating (SSW/TSM):**  
4.7 A per pin  
(2 pins powered)  
**Current Rating (SSQ/TSW):**  
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"  
**Max Cycles:**  
100 with 10 μ" (0.25 μm) Au  
**Voltage Rating:**  
465 VAC / 655 VDC

### PROCESSING

**Lead-Free Solderable:**  
Yes:  
-S and -D row option  
No, Lead Wave only:  
-P, -T and -Q row option

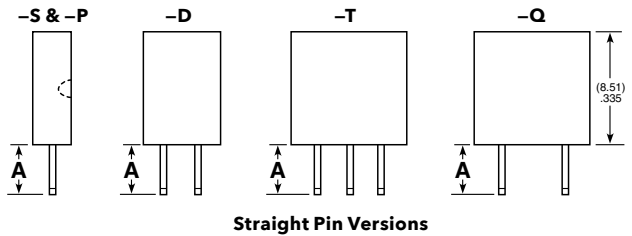
| SERIES | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | TAIL OPTION | OTHER OPTION |
|--------|---|------------------|------------|----------------|------------|-------------|--------------|
|--------|---|------------------|------------|----------------|------------|-------------|--------------|

|                             |                   |                                      |  |  |                                       |   |
|-----------------------------|-------------------|--------------------------------------|--|--|---------------------------------------|---|
| <b>SSW</b><br>= Solder Tail | <b>01 thru 50</b> | <b>Specify LEAD STYLE from chart</b> | <b>-F</b><br>= Gold flash on contact, Matte Tin on tail            | <b>-S</b><br>= Single Row  | Leave blank for straight pin version) | <b>-LL</b><br>= Locking Lead Available on tails from (2.29 mm) .090" to (7.87 mm) .310" only. Not Available with single row 1 or 2 positions) |
| <b>SSQ</b><br>= Square Tail |                   |                                      | <b>-L</b><br>= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail  | <b>-P</b><br>= Single Row (36 pins max)                                      | <b>-RA</b><br>= Right-angle           | <b>"XXX"</b><br>= Polarized (Specify "XXX" as position number)  |
|                             |                   |                                      | <b>-G</b><br>= 20 μ" (0.51 μm) Gold on contact, Gold flash on tail | <b>-D</b><br>= Double Row  |                                       |   |
|                             |                   |                                      | <b>-T</b><br>= Matte Tin (-T N/A on LIF contacts)                  | <b>-T</b><br>= Triple Row  |                                       |   |
|                             |                   |                                      |  | <b>-Q</b><br>= Double Row .200" (5.08 mm) row space (outer rows filled only) |                                       |   |

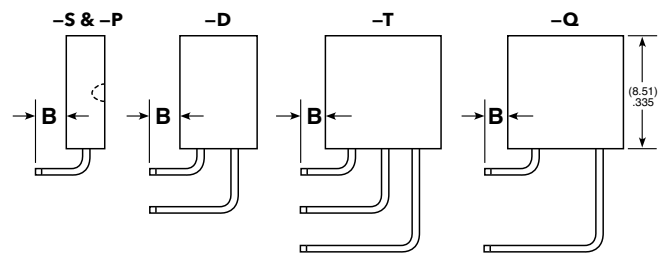


| THROUGH-HOLE             |                      |                           |
|--------------------------|----------------------|---------------------------|
| LEAD STYLE               |                      | SINGLE DOUBLE OR TRIPLE A |
| Standard Insertion Force | Low Insertion Force* |                           |
| -01                      | -21                  | (2.64) .104               |
| -02                      | -22                  | (4.93) .194               |
| -03                      | -23                  | (10.00) .394              |
| -04                      | -24                  | (14.83) .584              |
| -06**                    | N/A                  | (3.15) .124               |

\* LIF not available with Tin Plating  
\*\*Style -06 Not available with SSQ



Straight Pin Versions



Right-angle Versions

| RIGHT-ANGLE              |                      |              |             |             |
|--------------------------|----------------------|--------------|-------------|-------------|
| LEAD STYLE               |                      | SINGLE       | DOUBLE      | TRIPLE      |
| Standard Insertion Force | Low Insertion Force* | (-S) B       | (-D) B      | (-T & -Q) B |
| -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 not available with Tin Plating

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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View SSW-134-02-G-S-RA on WIN SOURCE](#)

 [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management