

# THROUGH-HOLE .025" SQ POST SOCKET

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

8  
G b p s

## 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  $\mu$ " (1.27  $\mu$ m) 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  $\mu$ " (0.25  $\mu$ m) 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 |
|--------|---|------------------|------------|----------------|------------|-------------|--------------|
|--------|---|------------------|------------|----------------|------------|-------------|--------------|

**SSW**  
= Solder  
Tail

01 thru 50

Specify  
**LEAD  
STYLE**  
from  
chart

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

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m)  
Gold on contact,  
Matte Tin on tail

**-G**  
= 20  $\mu$ " (0.51  $\mu$ m)  
Gold on contact,  
Gold flash on tail

**-T**  
= Matte Tin  
(-T N/A on  
LIF contacts)

**-S**  
= Single Row

**-P**  
= Single Row  
(36 pins max)

**-D**  
= Double Row

**-T**  
= Triple Row

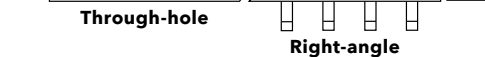
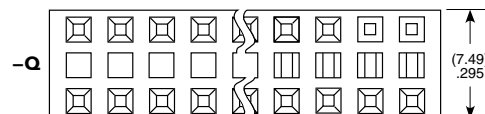
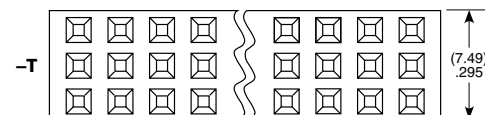
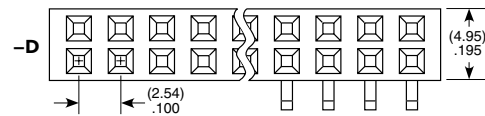
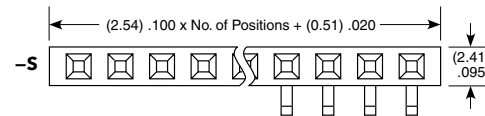
**-Q**  
= Double Row  
.200"  
(5.08 mm)  
row space  
(outer rows  
filled only)

Leave blank  
for straight  
pin version)

**-RA**  
= Right-  
angle

**-LL**  
= 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)

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



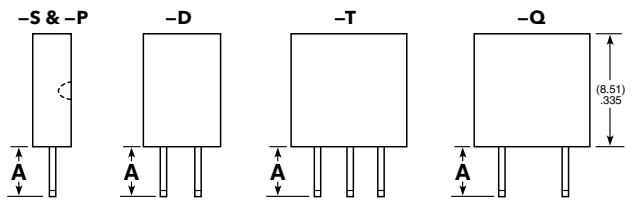
| RIGHT-ANGLE              |                      |              |             |                |
|--------------------------|----------------------|--------------|-------------|----------------|
| LEAD STYLE               |                      | SINGLE       | DOUBLE      | TRIPLE         |
| Standard Insertion Force | Low Insertion Force* | (-S)<br>B    | (-D)<br>B   | (-T & -Q)<br>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

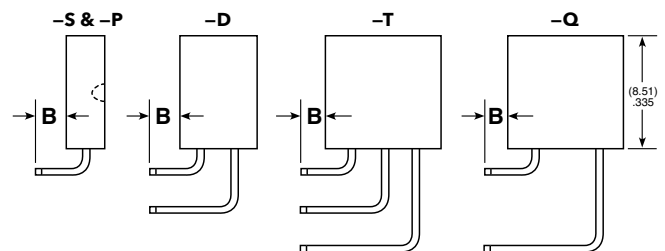
| THROUGH-HOLE             |                      |                                    |
|--------------------------|----------------------|------------------------------------|
| LEAD STYLE               |                      | SINGLE<br>DOUBLE<br>OR TRIPLE<br>A |
| Standard Insertion Force | Low Insertion 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

#### Note:

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