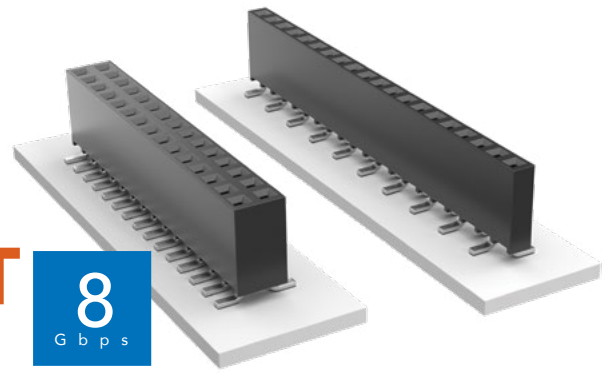


# SURFACE MOUNT .025" SQ POST SOCKET

(2.54 mm) .100" PITCH • SSW SERIES



## SSW

### Mates:

TSW, MTSW, HTSW,  
HMTSW, MTLW, EW, ZW,  
TSS, HTSS, ZSS, TSM,  
TSSH, DW, HW

## SPECIFICATIONS

### Insulator Material:

Black LCP

### 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)

### 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

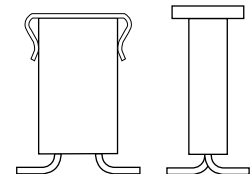
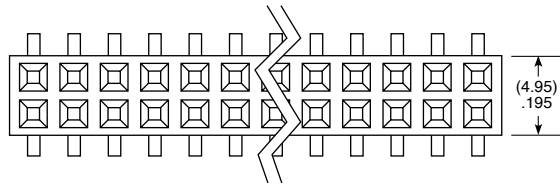
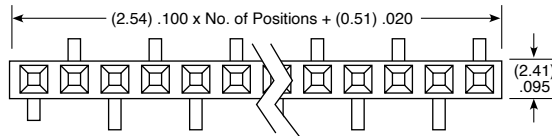
### Lead-Free Solderable:

Yes

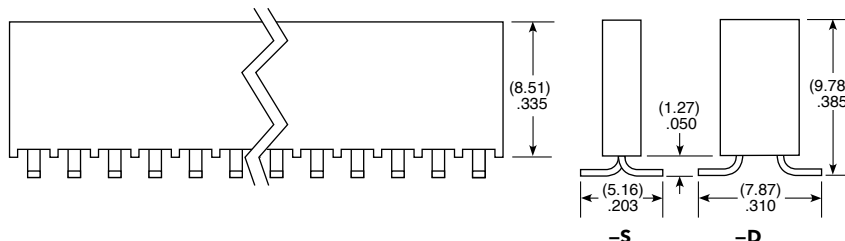
### SMT Lead Coplanarity:

(0.10 mm) .004" max

| SSW | 1 | NO. PINS PER ROW | 22 | PLATING OPTION                                                        | ROW OPTION         | VS | OTHER OPTION                                                                                                                   |
|-----|---|------------------|----|-----------------------------------------------------------------------|--------------------|----|--------------------------------------------------------------------------------------------------------------------------------|
|     |   | 02 thru 36       |    |                                                                       |                    |    |                                                                                                                                |
|     |   |                  |    | -F<br>= Gold flash on contact, Matte Tin on tail                      | -S<br>= Single Row |    | -XX<br>= Polarized Position                                                                                                    |
|     |   |                  |    | -L<br>= 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail  | -D<br>= Double Row |    | -K<br>= -S: (3.50 mm) .138" DIA,<br>-D: (6.50 mm) .256" DIA<br>Polyimide film<br>Pick & Place Pad<br>(03 positions min.)       |
|     |   |                  |    | -G<br>= 20 $\mu$ " (0.51 $\mu$ m) Gold on contact, Gold flash on tail |                    |    | -P<br>= Pick & Place Pad<br>(05 positions min.)                                                                                |
|     |   |                  |    |                                                                       |                    |    | -TR<br>= Tape & Reel<br>(-02 thru -28)                                                                                         |
|     |   |                  |    |                                                                       |                    |    | -FR<br>= Full Reel<br>Tape & Reel<br>(must order max. quantity per reel; contact Samtec for quantity breaks)<br>(-02 thru -28) |



-P OPTION



## ALSO AVAILABLE

MOQ Required

Other platings

Notch option

## Note:

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