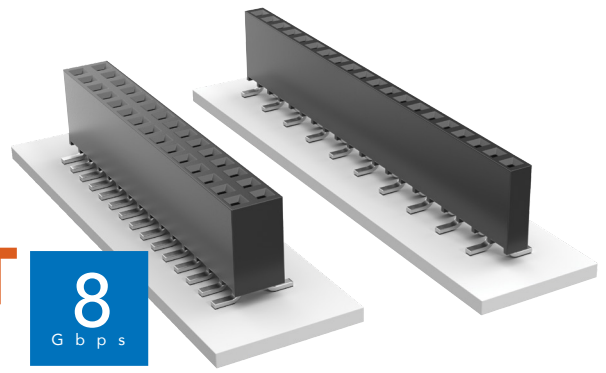


# SURFACE MOUNT .025" SQ POST SOCKET

(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

### Operating Temp Range:

-55 °C to +125 °C with Gold  
-55 °C to +105 °C with Tin

### Current Rating (SSW/TSM):

4.7 A per pin  
(2 pins powered)

### Voltage Rating:

465 VAC/658 VDC

### Insertion Depth:

(3.68 mm) .145" to  
(6.35 mm) .250"

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

## PROCESSING

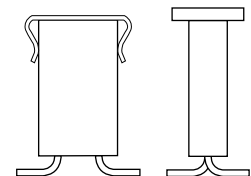
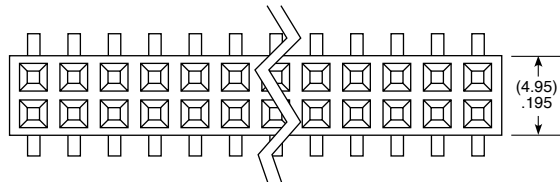
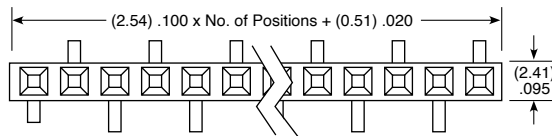
### Lead-Free Solderable:

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		<b>-F</b> = Gold flash on contact, Matte Tin on tail  <b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail  <b>-G</b> = 20 $\mu$ " (0.51 $\mu$ m) Gold on contact, Gold flash on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row		<b>-"XX"</b> = Polarized Position  <b>-K</b> = -S: (3.50 mm) .138" DIA, -D: (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (03 positions min.)  <b>-P</b> = Pick & Place Pad (05 positions min.)  <b>-TR</b> = Tape & Reel (-02 thru -28)  <b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-02 thru -28)



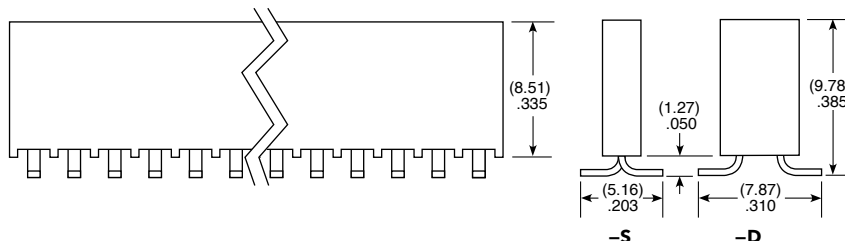
-P OPTION

## ALSO AVAILABLE

Contact Samtec

Other platings

Notch option



## Note:

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