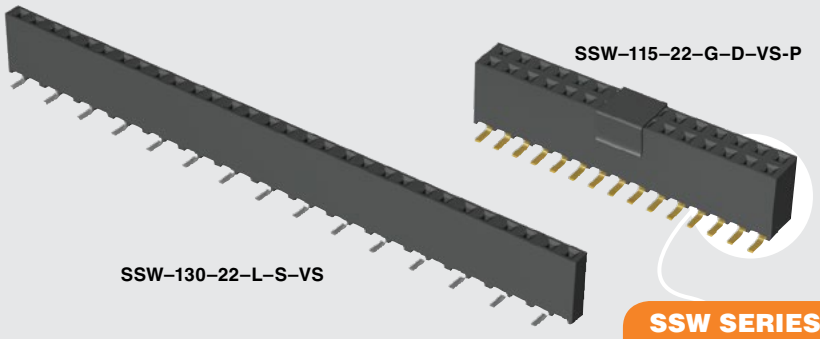
samtec




**(2.54 mm) .100"**

**SSW SERIES**

# SMT .025" SQ POST SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SSW

**Insulator Material:**
Black LCP
**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)
**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
**RoHS Compliant:**
Yes

## PROCESSING

**Lead–Free Solderable:**
Yes
**SMT Lead Coplanarity:**
(0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

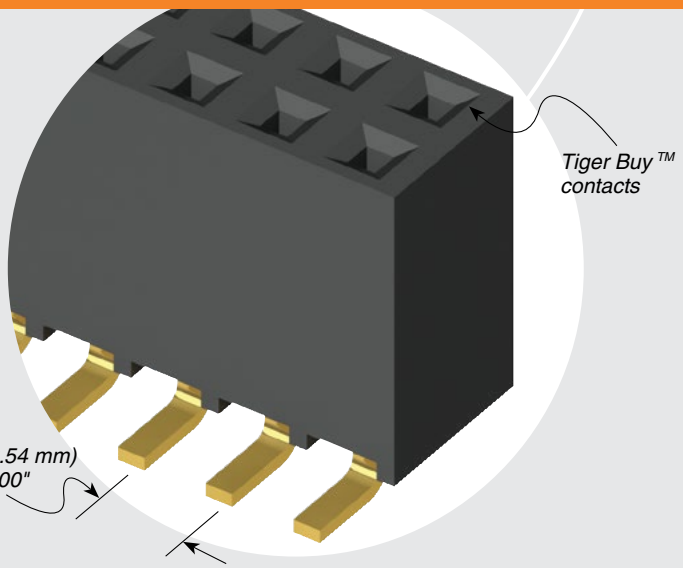
FILE NO. E111594

## ALSO AVAILABLE
(MOQ Required)

- Other platings
- Notch option

**Mates With:**
TSW, MTSW, HTSW, HMTSW, MTLW, EW, ZW, TSS, HTSS, ZSS, TSM, TSSH, DW, HW

TIGER BUY™ CONTACT




**HIGH-SPEED CHANNEL PERFORMANCE**

*Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com*

8 Gbps

| SSW | – | 1 | NO. PINS PER ROW | – | 22 | – | PLATING OPTION | – | ROW OPTION | – | VS | – | OTHER OPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**02 thru 36**

**–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

**–S**
= Single Row

**–D**
= Double Row

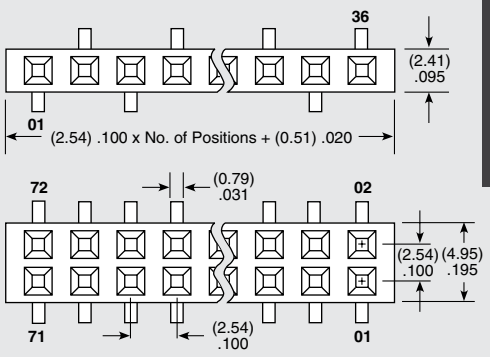
**–"XX"**
= Polarized Position

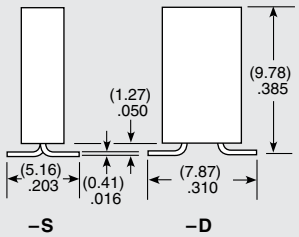
**–K**
= –S: (3.50 mm) .138" DIA, –D: (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (03 positions min.)

**–P**
= Pick & Place Pad (05 positions min.)

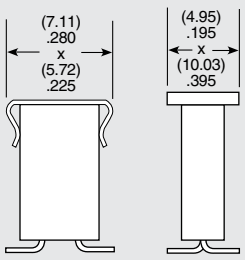
**–TR**
= Tape & Reel (–02 thru –28)

**–FR**
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (–02 thru –28)




–S –D




–P OPTION

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

*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.*