

(2,54 mm) .100"

SSW SERIES

# SMT .025" SQ POST SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SSW](http://www.samtec.com?SSW)

### Insulator Material:

Black LCP

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50μ" (1,27 μm) Ni

### Current Rating (SSW/TSW):

5.7 A per pin

(1 pin powered per row)

### Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

### Contact Resistance:

10 mΩ

### Insertion Depth:

(3,68 mm) .145" to

(6,35 mm) .250"

### Insertion Force:

(Single contact only)

3 oz (0,83 N) avg.

### Withdrawal Force:

(Single contact only)

2.6 oz (0,72 N) avg.

### Max Cycles:

100 with 10μ" (0,25 μm) Au

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable:

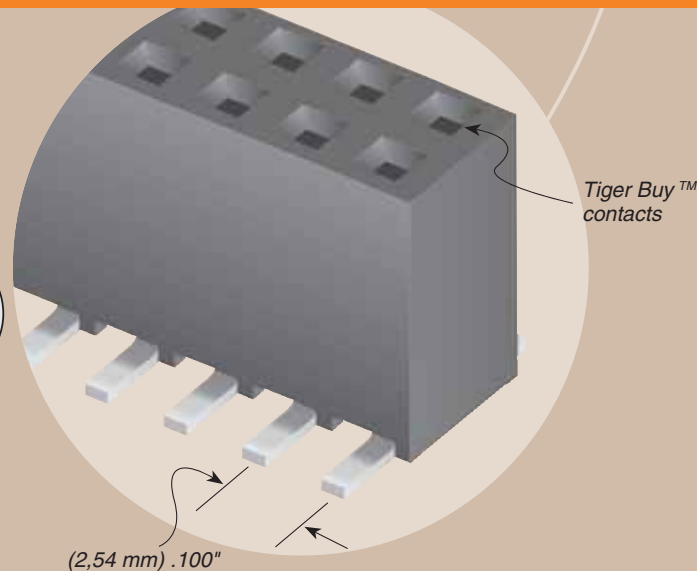
Yes

### SMT Lead Coplanarity:

(0,10 mm) .004" max

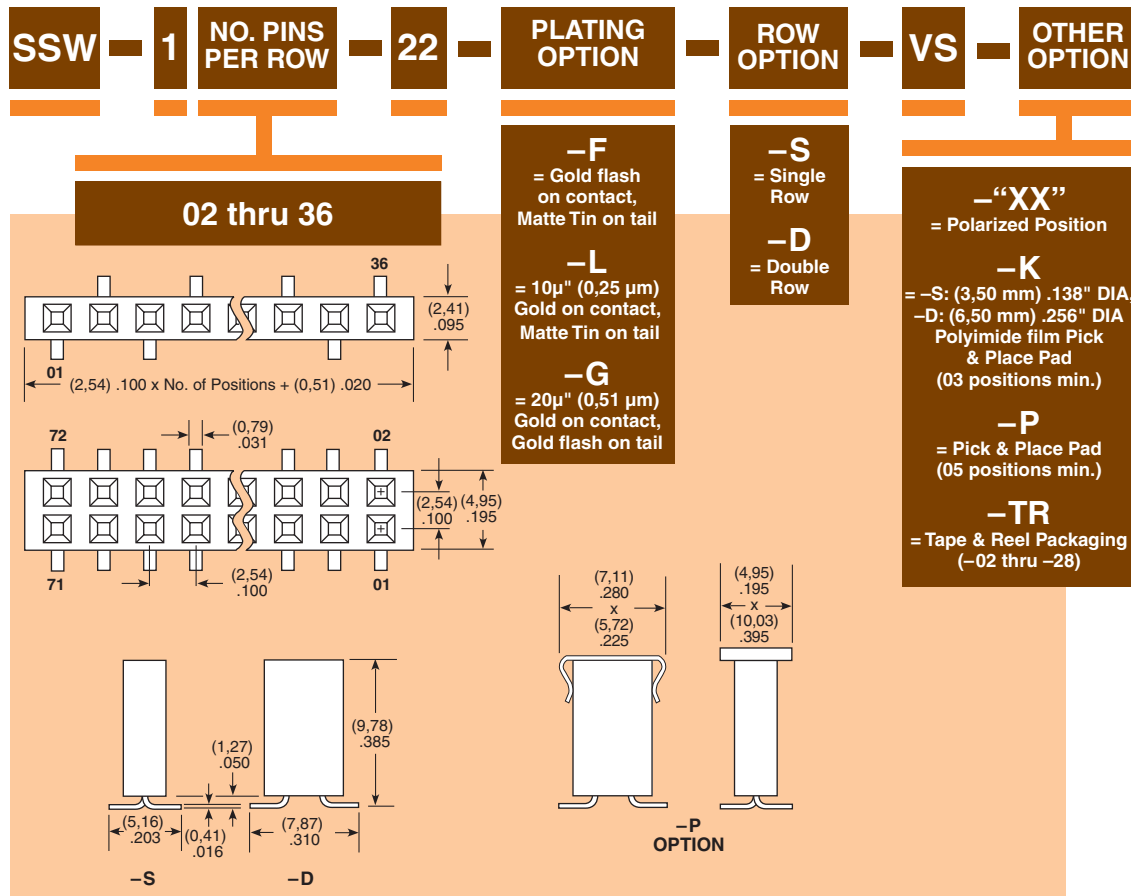
### Mates With:

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



Tiger Buy™  
contacts

(2,54 mm) .100"



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Notch option
- Contact Samtec.

**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.

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