

(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

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:

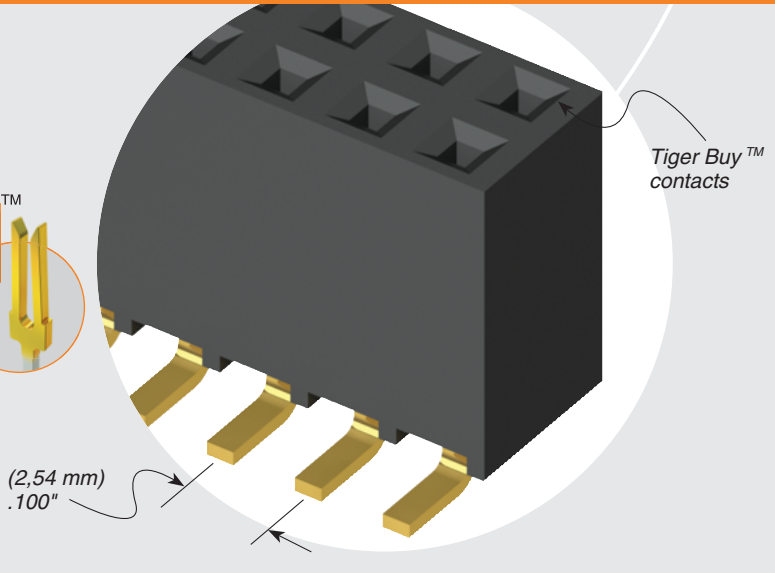
Yes

SMT Lead Coplanarity:

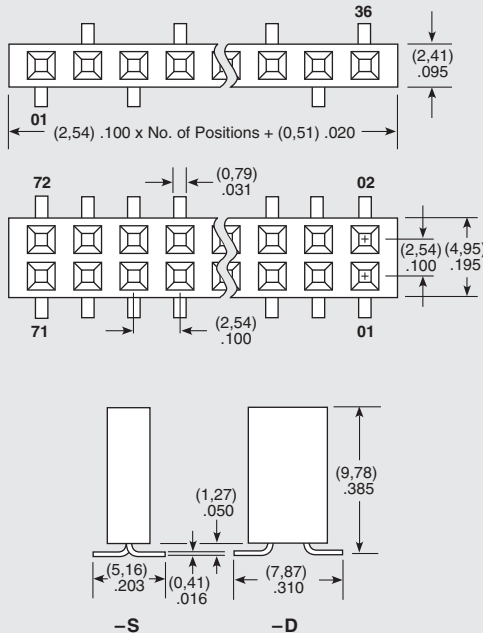
(0,10 mm) .004" max

Mates With:

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



SSW	1	NO. PINS PER ROW	22	PLATING OPTION	ROW OPTION	VS	OTHER OPTION
02 thru 36				<p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail</p> <p>-G = 20µ" (0,51 µm) Gold on contact, Gold flash on tail</p>	<p>-S = Single Row</p> <p>-D = Double Row</p>	<p>-“XX” = Polarized Position</p> <p>-K = -S: (3,50 mm) .138" DIA, -D: (6,50 mm) .256" DIA Polyimide film Pick & Place Pad (03 positions min.)</p> <p>-P = Pick & Place Pad (05 positions min.)</p> <p>-TR = Tape & Reel Packaging (-02 thru -28)</p>	



RECOGNITIONS

For complete scope of recognitions see 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.