

(2,54 mm) .100"

SSW SERIES

SSW-130-22-L-S-VS

SSW-116-22-G-D-VS

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

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

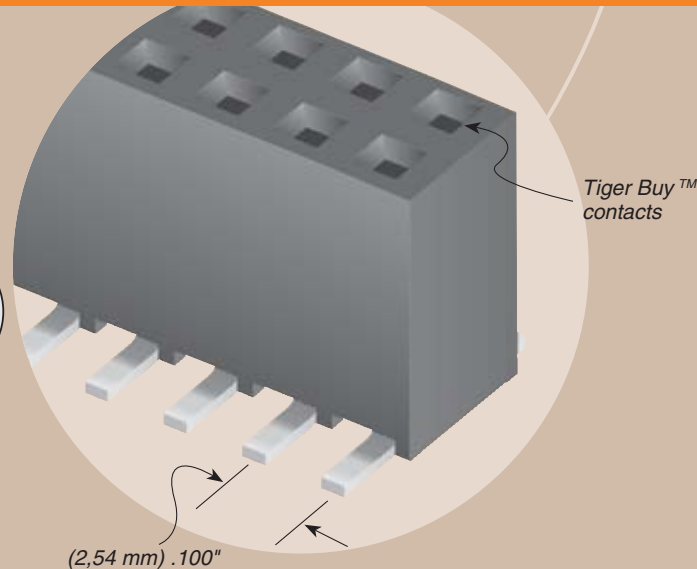
RoHS Compliant:

Yes



Mates With:

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



CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	SSW mated with TSW
20°C	6.9A
40°C	6.1A
60°C	5.3A
95°C	3.5A

6 POSITIONS (2x3) POWERED

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

Note: Other Gold plating options available. Contact Samtec.

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

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
= 10µ" (0,25 µm) Gold on contact, Matte Tin on tail

-G
= 20µ" (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 Packaging (-02 thru -28)

-S **-D**

-P OPTION

APPLICATION SPECIFIC OPTION

Notch available. Call Samtec.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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