

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
 Http://www.100y.com.tw

(2,54 mm) .100"

SLW-120-01-T-S

CES-115-01-T-S



CES-125-01-T-D

SLW-110-01-T-D

SLW, CES SERIES

# LOW PROFILE SOCKET STRIPS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SLW](http://www.samtec.com?SLW) or [www.samtec.com?CES](http://www.samtec.com?CES)

**Insulator Material:**

Black G.F. Polyester

**Contact Material:**

Phosphor Bronze

**Plating:** Au or Sn over 50µ" (1,27 µm) Ni

**SLW Current Rating (SLW/TSW):**

5,2 A per pin (1 pin powered per row)

**CES Current Rating (TSW/CES):**

5,5 A per pin (1 pin powered per row)

**Voltage Rating:**

SLW: 50 VAC

CES: 400 VAC

**Operating Temp Range:**

-55°C to +125°C with Gold

-55°C to +105°C with Tin

**Contact Resistance:**

10 mΩ

**Insertion Depth:**

SLW: (2,16 mm) .085" to (2,92 mm) .115"

CES: (2,62 mm) .103" to (4,06 mm) .160"

**Insertion Force:**

SLW: (Single contact only) (3,34 N) 12 oz avg.

(0,64 mm) .025" SQ pin

CES: (Single contact only) (2,22 N) 8 oz avg.

(0,64 mm) .025" SQ pin

**Withdrawal Force:**

SLW: (Single contact only) (1,67 N) 6 oz avg.

(0,64 mm) .025" SQ pin

CES: (Single contact only) (1,11 N) 4 oz avg.

(0,64 mm) .025" SQ pin

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

Wave only

## RECOGNITIONS

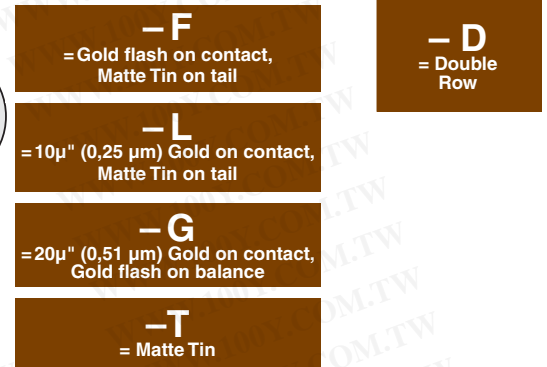
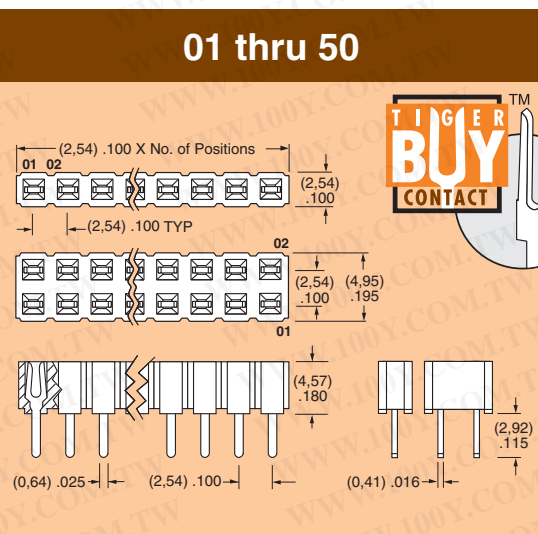
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



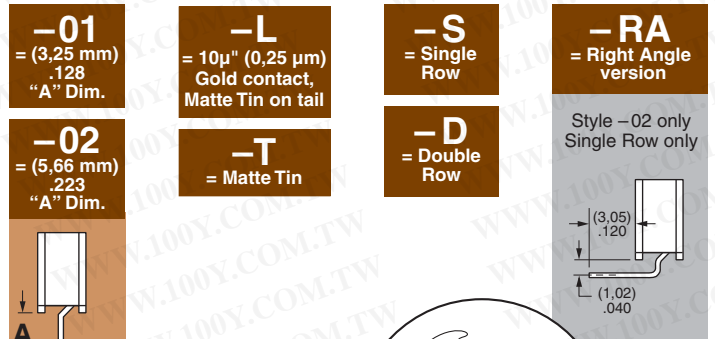
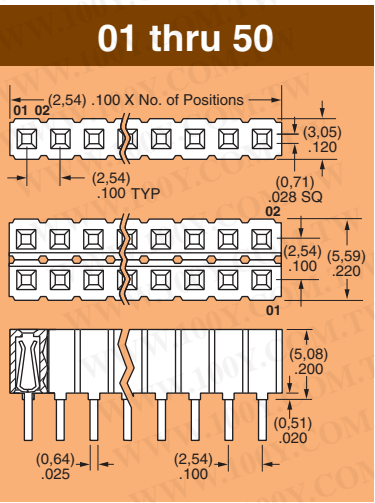
## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

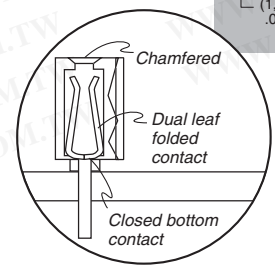
**Note:** Some lengths, styles and options are non-standard, non-returnable.



**Mates with:**  
 TLW, TSW, MTLW, MTSW, HW, EW, ZW, HTSW, HMTSW, TSM



**Mates with:**  
 TLW, TSW, MTLW, MTSW, HW, EW, ZW, DW, HTSW, PHT, HMTSW

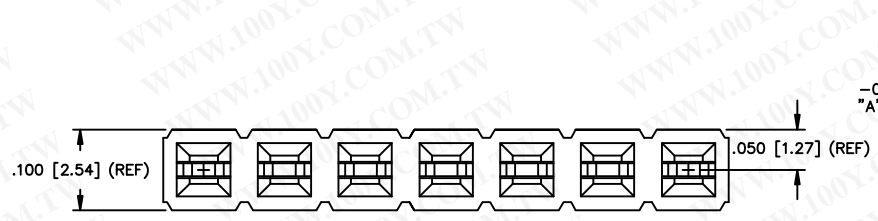


Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

REV. U

|   |  |   |  |                |                                       |   |
|---|--|---|--|----------------|---------------------------------------|---|
| DIMENSIONS ARE IN INCHES<br>ONE PLACE DECIMALS ± .1 [3] TWO PLACE DECIMALS ± .01 [.3] |  | UNLESS OTHERWISE NOTED<br>TOLERANCES ARE:<br>THREE PLACE DECIMALS ± .005 [.13] FOUR PLACE DECIMALS ± .0020 [.051] |  | ANGLES<br>± 2° | TITLE:<br>LOW PROFILE<br>SOCKET STRIP | DWG NO:<br>SLW-1XX-01-X-X<br>SHEET 1 OF 1 |
|---|--|---|--|----------------|---------------------------------------|---|



SLW-1XX-01-X-X

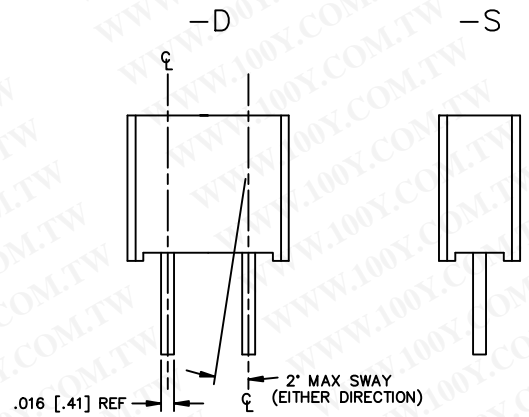
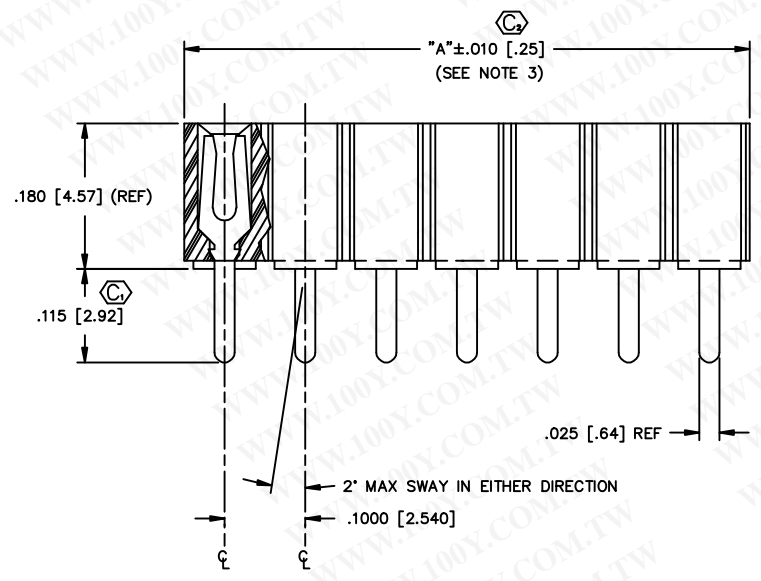
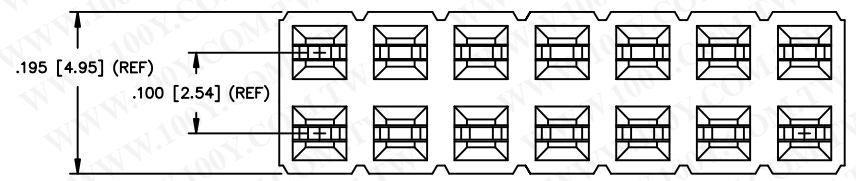
**POSITION SPECIFICATION**  
-01 THRU -50 PER ROW  
"A" = NO. OF POS. x .100 [2.54]

**CONTACT STYLE**  
-01: USE C-28-X

**ROW SPECIFICATION**  
-D: DOUBLE (USE SLW-50-D)  
-S: SINGLE (USE SLW-50-S)

**PLATING SPECIFICATION**  
-G: GOLD-SPECIFY -G IN CONTACT SUFFIX -X  
-T: TIN-SPECIFY -T IN CONTACT SUFFIX -X  
-S: SELECTIVE GOLD, MATTE TIN TAIL-SPECIFY -S IN CONTACT SUFFIX -X  
-F: FLASH SELECTIVE GOLD-SPECIFY -F IN CONTACT SUFFIX -X  
-H: HEAVY GOLD-SPECIFY -H IN CONTACT SUFFIX -X  
-L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL-SPECIFY -L IN CONTACT SUFFIX -X

- NOTES:
- MIN PUSHOUT FORCE: 1 lb.
  - MAX BOW: .005 in/in [mm/mm], .025 [.64]
  - CUT END WALLS TO BE .012 [.30] MIN.
  - (C) REPRESENTS CRITICAL DIM.
  - .010 [.25] MAX CUT FLASH
  - NO TUBE PACKAGING REQUIRED



Do not scale from this print

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC INC.

PLOT SCALE: 1=1

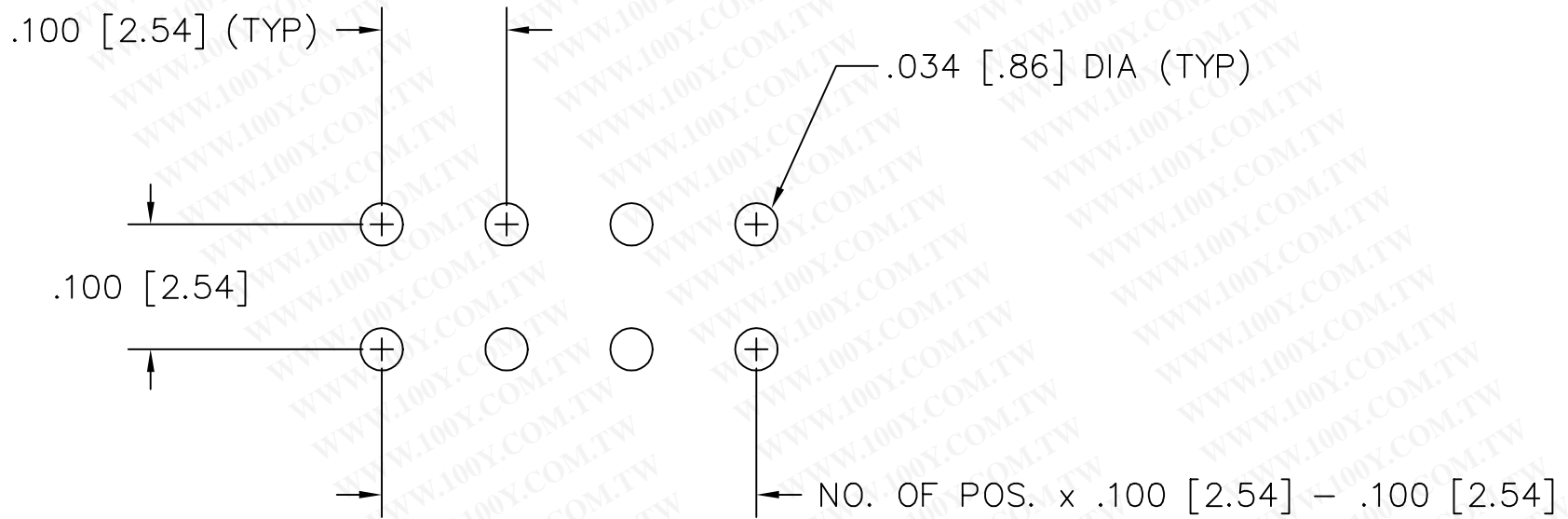
**samtec** MISC/MICRO SLW-1XX

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

|                        |                    |                |
|------------------------|--------------------|----------------|
| MADE BY: PURVIS 9-4-87 | ENG. APPROVAL: DEM | SLW-1XX-01-X-X |
| CHECKED BY: McCARTIN   | DEM                | SHEET 1 OF 1   |

# RECOMMENDED P.C. BOARD LAYOUT FOR SLW (DOUBLE ROW)

REV. A



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

MISC\MKTG\FOOTPRINT  
SLW-S

**samtec**

810 PROGRESS BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147

PLOT SCALE: 1 = .1