



SLW, CES SERIES

(2,54 mm) .100"

# 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: 406 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.

<b>SLW</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>01</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>
		<b>Mates with:</b> TLW, TSW, MTLW, MTSW, HW, EW, ZW, HTSW, HMTSW, TSM			
		<b>01 thru 50</b>			
			<b>-F</b> = Gold flash on contact, Matte Tin on tail	<b>-S</b> = Single Row	
			<b>-L</b> = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	<b>-D</b> = Double Row	
			<b>-G</b> = 20µ" (0,51 µm) Gold on contact, Gold flash on balance		
			<b>-T</b> = Matte Tin		

<b>CES</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>RA OPTION</b>
		<b>Mates with:</b> TLW, TSW, MTLW, MTSW, HW, EW, ZW, DW, HTSW, PHT, HMTSW				
		<b>01 thru 50</b>				
			<b>-01</b> = (3,25 mm) .128 "A" Dim.	<b>-L</b> = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	<b>-S</b> = Single Row	<b>-RA</b> = Right Angle version
			<b>-02</b> = (5,66 mm) .223 "A" Dim.	<b>-T</b> = Matte Tin	<b>-D</b> = Double Row	Style -02 only Single Row only

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