



**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>-L</b> = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	<b>-S</b> = Single Row	<b>-RA</b> = Right Angle version
			<b>-01</b> = (3,25 mm) .128 "A" Dim.	<b>-T</b> = Matte Tin	<b>-D</b> = Double Row	Style -02 only Single Row only
			<b>-02</b> = (5,66 mm) .223 "A" Dim.			