## SLW, CES SERIES

### LOW PROFILE SOCKET STRIPS

### SPECIFICATIONS

For complete specifications see www.samtec.com/SLW or 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: 40V DC
- 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.
- CES (Single contact only): (2.22 N) 8 oz avg.

**Withdrawal Force:**
- SLW (Single contact only): (1.67 N) 6 oz avg.
- CES (Single contact only): (1.11 N) 4 oz avg.

**RoHS Compliant:**
- Yes

### RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

### ALSO AVAILABLE (MOQ Required)

- Other platings
  Contact Samtec.

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

<table>
<thead>
<tr>
<th>SLW</th>
<th>NO. PINS PER ROW</th>
<th>PLATING OPTION</th>
<th>ROW OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01</td>
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<td>RA</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CES</th>
<th>NO. PINS PER ROW</th>
<th>LEAD STYLE</th>
<th>PLATING OPTION</th>
<th>ROW OPTION</th>
<th>RA OPTION</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>01</td>
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<td>T</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>01 thru 50</th>
<th>02 thru 50</th>
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</thead>
<tbody>
<tr>
<td>(2,54) .100 X No. of Positions</td>
<td>(2,54) .100 TYP</td>
</tr>
<tr>
<td>[Diagram]</td>
<td>[Diagram]</td>
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</tbody>
</table>

**BUY CONTACT**

For complete scope of recognitions see www.samtec.com/quality

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www.samtec.com

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