**SMT .025" SQ POST HEADER**

**Board Mates:**
SSW, SSO, SSM, BSW, ESW, ESO, BCS, SLW, CES, HLE

**Cable Mates:**
IDSS, IDSD, SMSD, SMSS

**SPECIFICATIONS**
For complete specifications and recommended PCB layouts see www.samtec.com/TSM

- Insulator Material: Black Liquid Crystal Polymer
- Terminal Material: Phosphor Bronze
- Plating: Au or Sn over 50 µ" (1.27 µm) Ni
- Operating Temp Range: -55 °C to +105 °C with Tin; -55 °C to +125 °C with Gold
- Voltage Rating: 475 VAC -SV/-DV mated with BCS or SSM
- RoHS Compliant: Yes
- Lead–Free Solderable: Yes

- **-DH/SH Lead Coplanarity:**
  - (0.15 mm) .006" max (02-05)
  - (0.13 mm) .005" max (06-10)
  - (0.15 mm) .006" max (11-36)

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

**RECOGNITIONS**

**ALSO AVAILABLE** (MOQ Required)
- Edge Mount and Locking Clips for –SV
- Solder Locks for –DH and Shrouds for –DV
- Other platings Contact Samtec.

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

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**MATES CURRENT RATING (PER PIN)**

<table>
<thead>
<tr>
<th>Mates</th>
<th>Current Rating (Per Pin)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSM/SSW</td>
<td>4.7 A</td>
</tr>
<tr>
<td>TSM/SSM</td>
<td>5.4 A</td>
</tr>
<tr>
<td>TSM/HLE</td>
<td>4.1 A</td>
</tr>
</tbody>
</table>

1 PIN POWERED PER ROW

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**SPECIFICATIONS**

- **–SV = Single Row Vertical Pin**
  - (2.54) .100 x No. of positions
  - (0.54) .100
  - 36
  - Optional Alignment Pin (–A)

- **–SH = Single Row Horizontal Pin**
  - (2.03) .080
  - 36
  - (2.54) .100
  - (0.54) .100
  - 36

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

**TSM–115–01–T–SH–A**

**TSM–126–02–L–DH–K**

**TSM–110–01–T–DV**

**WWW.SAMTEC.COM**

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**OTHER OPTIONS**

- **–A** = Alignment Pin (metal or plastic at Samtec discretion) (Not available with –TM or –MT) (02 positions min.) (Not available with –LC)

- **–LC** = Locking Clip (Not available with –TM) (3 positions min.) (Not available with –A) (Manual placement required)

- **–K** = (6.50 mm) .256” DIA Polyimide Film Pin & Place Pad
  - (SH: 4 positions minimum without –TR; 2 & 3 positions available with –TR)
  - (DH: 4 positions minimum without –TR)
  - ( manual placement required)

- **–P** = Plastic Pick & Place Pad
  - (DV: 4 positions minimum without –TR; 2 & 3 positions available with –TR)
  - (SH: 4 positions minimum without –TR; 2 & 3 positions available with –TR)

- **–TR** = Tape & Reel Packaging
  - (SV: 02-22 positions)
  - (DV: 02-28 positions)
  - (SH: 02-30 positions)
  - (DH: 02-29 positions)
  - Not available with –MT or –TM

- **–A** = Alignment Pin (metal or plastic at Samtec discretion) (Not available with –TM or –MT) (02 positions min.) (Not available with –LC)

- **–K** = (6.50 mm) .256” DIA Polyimide Film Pin & Place Pad
  - (SH: 4 positions minimum without –TR; 2 & 3 positions available with –TR)
  - (DH: 4 positions minimum without –TR)

- **–P** = Plastic Pick & Place Pad
  - (DV: 4 positions minimum without –TR; 2 & 3 positions available with –TR)
  - (SH: 4 positions minimum without –TR; 2 & 3 positions available with –TR)

- **–TR** = Tape & Reel Packaging
  - (SV: 02-22 positions)
  - (DV: 02-28 positions)
  - (SH: 02-30 positions)
  - (DH: 02-29 positions)
  - Not available with –MT or –TM

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**TSM SERIES**

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