**SMT .025" SQ POST HEADER**

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

**Cable Mates:**
IDSS, IDSD

**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

**PROCESSING**

Lead–Free Solderable: Yes

-DH/SH Lead Coplanarity: (0.15 mm) .006" max (02-36)*

-DV/-SV Lead Coplanarity: (0.10 mm) .004" max (02-05)
(0.13 mm) .005" max (06-10)*
(0.15 mm) .006" max (11-36)*

*.004" stencil solution may be available; contact IPG@samtec.com

**APPLICATIONS**

**SSM**

-HORIZONTAL

**TSW**

-HORIZONTAL

**RECOGNITIONS**

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

**ALSO AVAILABLE**

(MOQ Required)

- Edge Mount and Locking Clips for –SV
- Solder Locks for –DH and Shrouds for –DV
- Other platings

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

---

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

- **“XXX”** = Polarized Position

- **K** = Plastic Pick & Place Pad
  - (–SV: 02-22 positions, –DV:02-28 positions, –SH: 02-30 positions, –DH: 02-29 positions
  - (Not available with –MT or –TM)

- **P** = Plastic Pick & Place Pad
  - (–SV: 02-22 positions, –DV:02-28 positions, –SH: 02-30 positions, –DH: 02-29 positions
  - (Not available with –MT or –TM)

- **TR** = Tape & Reel Packaging
  - (Must order maximum quantities per reel. Contact Samtec for parts per reel)
  - (–SV: 02-22 positions, –DV:02-28 positions, –SH: 02-30 positions, –DH: 02-29 positions
  - (Not available with –MT or –TM)

- **FR** = Full Reel 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)

- **DV** = Double Row Vertical Pin
- **DH** = Double Row Horizontal Pin
- **TM** = Triple Row Vertical Mixed Technology (Style –01 only)
- **MT** = Mixed Technology Pin (Style –01, –02 or –03 only)

---

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

All parts within this catalog are built to Samtec’s specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.