SMT .025" SQ POST HEADER

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

Cable Mates:
IDSS, IDSD

SPECIFICATIONS:

For complete specifications and recommended PCB layouts see www.samtec.com

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

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

PROCESSING:

Lead-Free Solderable: Yes

-DH/-SH Lead Coplanarity:
(0.15 mm) .005" 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)

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

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

WWW.SAMTEC.COM

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

All parts within this catalog are built to Samtec’s specifications.

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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)

- **XXX**
  = Polarized Position
  02 thru 30 positions only

- **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)
  (-DH: 4 positions minimum without –TR)
  (-SV: 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)

- **FR**
  = Full Reel Tape & Reel
  (must order maximum quantity per reel; contact Samtec for quantity breaks)
  - SV: 02-22 positions, –DV:02-28 positions,
  - SH: 02-30 positions, –DH: 02-29 positions
  (Not available with –MT or –TM)

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

- **DV**
  = Double Row Vertical Pin
  (Style –01, –02 or –03 only)

- **DH**
  = Double Row Horizontal Pin
  (Style –01, –02 or –03 only)

- **MT**
  = Mixed Technology Pin
  (Style –01, –02 or –03 only)

- **TM**
  = Triple Row Vertical Mixed Technology (Style –01 only)
  02 thru 30 positions only