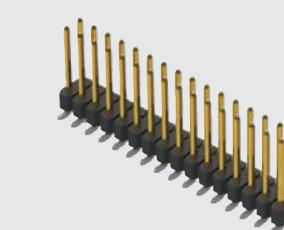


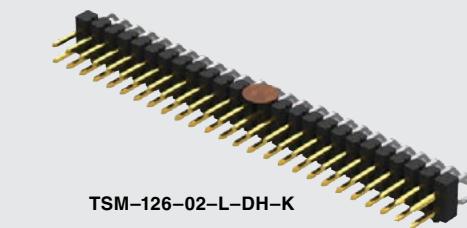


(2.54 mm) .100"

TSM-116-02-S-DV-LC



TSM-121-01-T-SV



TSM-126-02-L-DH-K

TSM-115-01-T-SH-A



TSM-110-01-T-DV

SMT .025" SQ POST HEADER

Board Mates:
SSW, SSQ, SSM, BSW, ESW,
ESQ, BCS, 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

-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

MATES	CURRENT RATING (PER PIN)
TSM/SSW	4.7 A
TSM/SSM	5.4 A
TSM/HLE	4.1 A
2 PINS POWERED	

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)

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.

TSM - **1** **NO. PINS PER ROW** - **LEAD STYLE**

02 thru 36

-01 = .230" (5.84 mm) Post Height (Mates with SSW, BCS, SSM, IDSS, IDSD)

-02 = .320" (8.13 mm) Post Height (Mates with SSM -DH)

-03 = .420" (10.67 mm) Post Height (For Bottom Mount & Pass Through)

-04 = .120" (3.05 mm) Post Height (Mates with SLW, CES, HLE)

PLATING OPTION - **ROW OPTION**

-F
= Gold flash on post, Matte Tin on tail

-L
= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

-S
= 30 μ" (0.76 μm) Gold on post, Matte Tin on tail

-T
= Matte Tin

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
= (6.50 mm) .256" DIA Polyimide Film Pick & 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)

-SV
= 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))

-SH & -DH

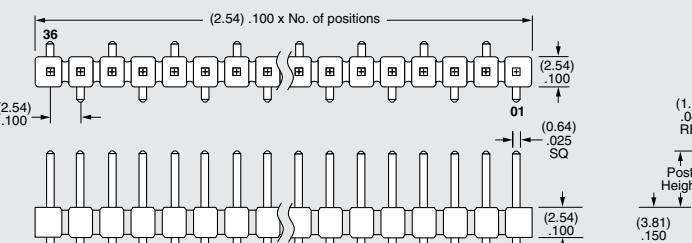
= Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (-SV: 02-22 positions, -DV: 02-28 positions, -SH: 02-30 positions, -DH: 02-29 positions (Not available with -MT or -TM))

-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))

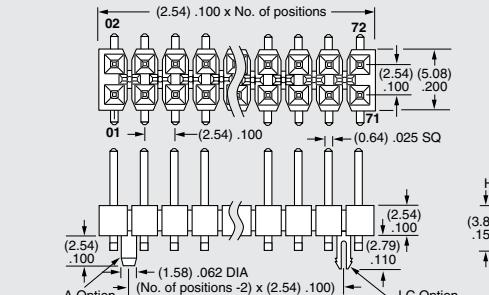
-SV

= Single Row Vertical Pin



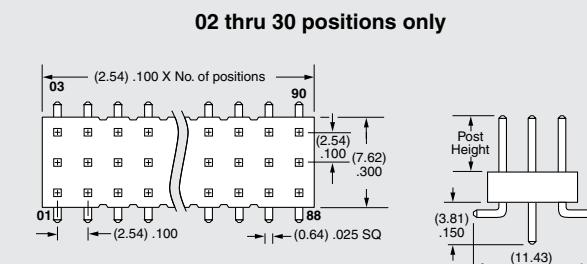
-DV

= Double Row Vertical Pin



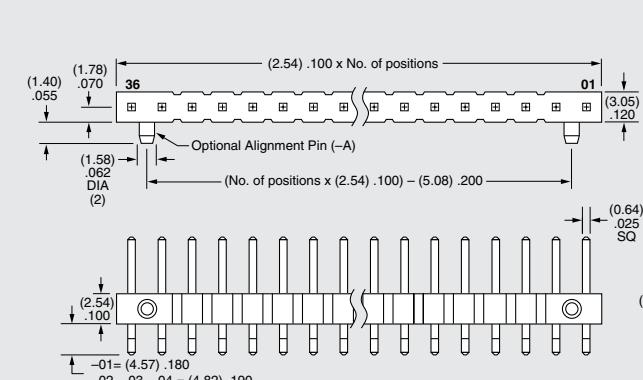
-TM

= Triple Row Vertical Mixed Technology (Style -01 only)



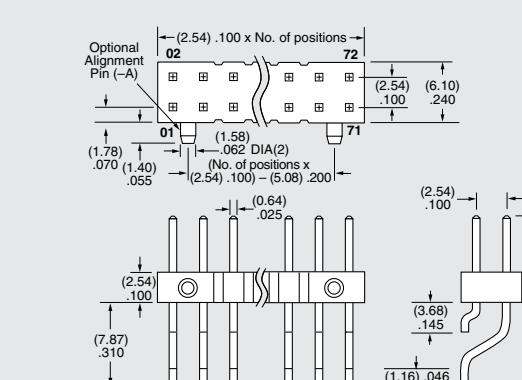
-SH

= Single Row Horizontal Pin



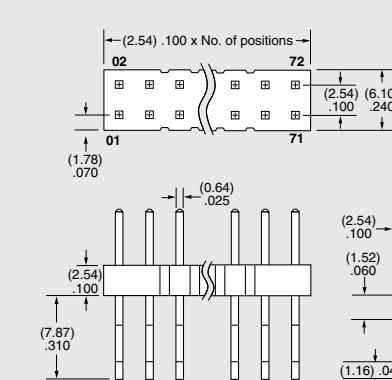
-DH

= Double Row Horizontal Pin (Style -01, -02 or -03 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.

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