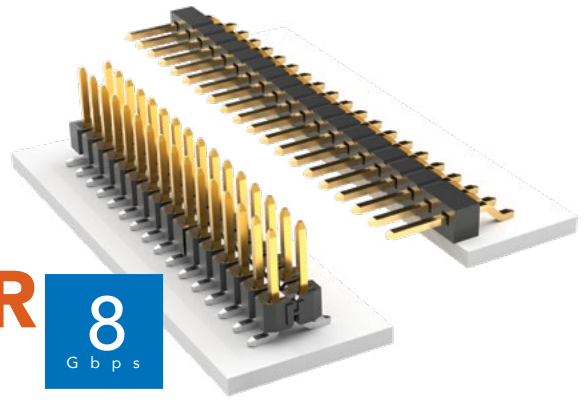




SURFACE MOUNT .025" SQ POST HEADER



(2.54 mm) .100" PITCH • A-TSM SERIES

A-TSM

Board Mates:

A-SSW, A-SSQ, A-SSM



SPECIFICATIONS

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 A-SSM

PROCESSING

Lead-Free Solderable:

Yes

-DH/-SH/-SV Lead Coplanarity:

(0.15 mm) .006" max (02-36)*

-DV 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)

ALSO AVAILABLE

Other Platings
(MOQ Required)

MATES	CURRENT RATING (PER PIN)
A-TSM/A-SSW	4.7 A
A-TSM/A-SSM	5.4 A

2 POSITIONS POWERED

02 thru 30

Specify LEAD STYLE from chart

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

-T
= Matte Tin

-SV
= Single Row Vertical Pin

-DV
= Double Row Vertical Pin

-SH
= Single Row Horizontal Pin

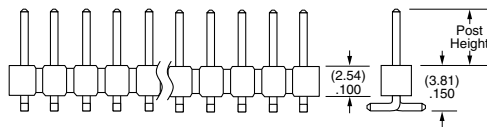
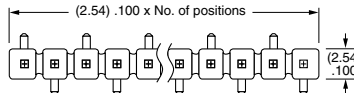
-DH
= Double Row Horizontal Pin (Style -01, -02 & -03 only)

-A
= Alignment Pin metal or plastic at Samtec discretion (02 positions minimum)

-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)

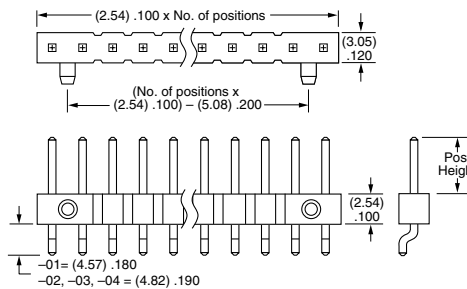
-P
= Plastic Pick & Place Pad (-DV: 4 positions minimum without -TR; 2 & 3 positions available with -TR) (-SH: 4 positions minimum without -TR; 2 & 3 positions available with -TR) (-DH: 5 positions minimum without -TR; -SV: 4 positions minimum without -TR; 2 & 3 positions available with -TR)

-TR
= Tape & Reel
-SV: 02-22 positions,
-DV: 02-28 positions,
-SH: 02-30 positions,
-DH: 02-29 positions

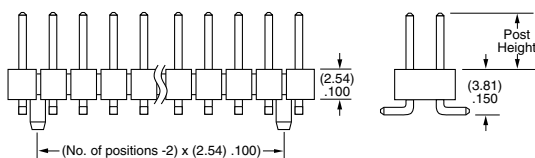
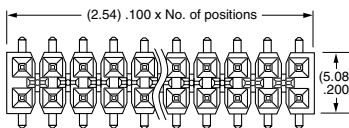


-SV Row Option

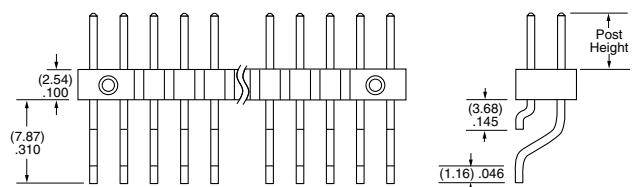
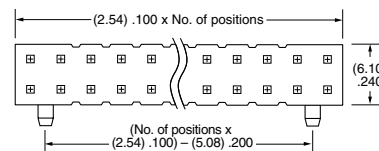
LEAD STYLE	POST HEIGHT	MATES WITH
-01	(5.84) .230	A-SSW, A-SSM
-02	(8.13) .320	A-SSM -DH
-03	(10.67) .420	Bottom Mount & Pass Through
-04	(3.05) .120	N/A



-SH Row Option



-DV Row Option



-DH Row Option

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.