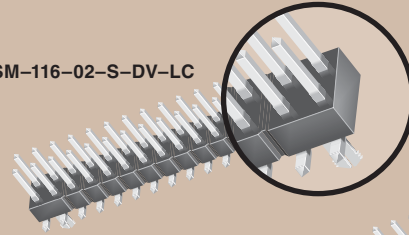


TSM-116-02-S-DV-LC



TSM-118-01-T-SV

(2,54mm) .100"
TSM SERIES

SMT .025" SQ POST HEADER

Mates with:
SSW, SSQ, SSM,
BSW, ESW, ESQ,
BCS, SLW, CES,
HLE, CLH, 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 50µ" (1,27µm) 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:

(0,15mm) .006" max (02-36)

-DV/-SV Lead Coplanarity:

(0,10mm) .004" max (02-05)

(0,13mm) .005" max (06-10)

(0,15mm) .006" max (11-36)

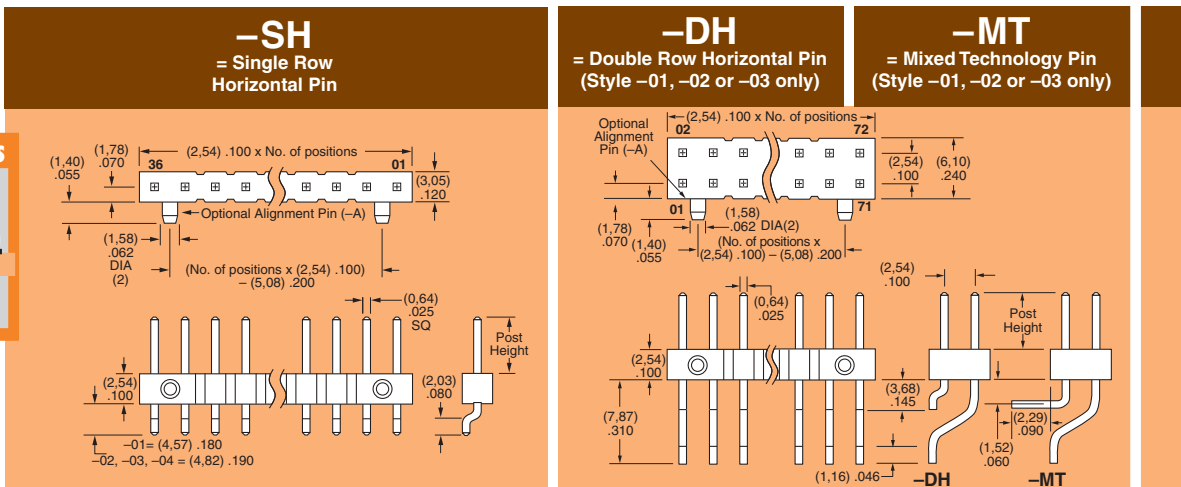
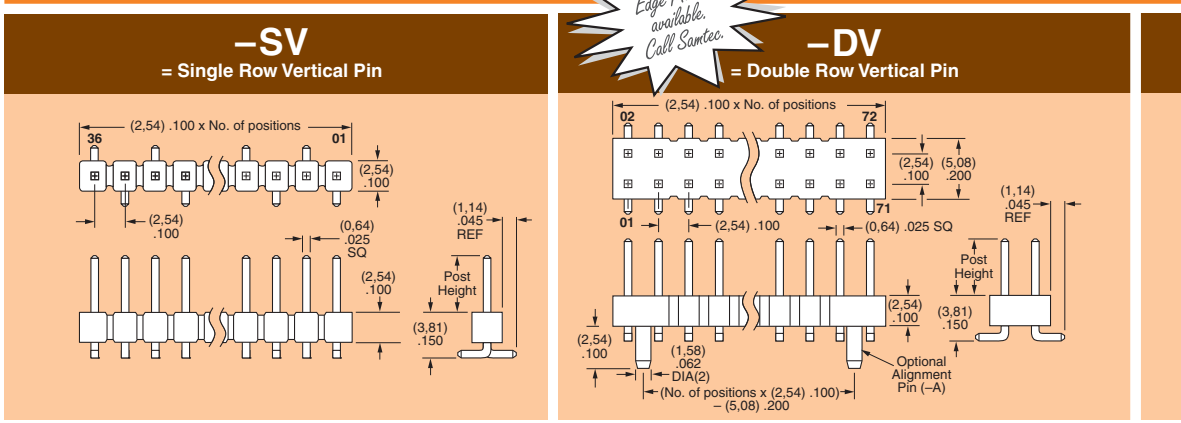
AMBIENT TEMPERATURE	CURRENT RATING
20°C	7A
40°C	6A
60°C	4A
80°C	3A



- 01** = .230" (5,84mm) Post Height (Mates with SSW, BCS, SSM, IDSS, IDSD)
- 02** = .320" (8,13mm) Post Height (Mates with SSM -DH)
- 03** = .420" (10,67mm) Post Height (For Bottom Mount & Pass Through)
- 04** = .120" (3,05mm) Post Height (Mates with SLW, CES, HLE)
- F** = Gold flash on post, Matte Tin on tail
- L** = 10µ" (0,25µm) Gold on post, Matte Tin on tail
- SS** = 30µ" (0,76µm) Gold stripe on contact area, Gold flash to tip, Matte Tin on tail (-MT & lead styles -02, -03 & -04 N/A) (Mates only with SSW, BCS, SSM, SSQ, ESW, ESQ)
- S** = 30µ" (0,76µm) Gold on post, Matte Tin on tail
- T** = Matte Tin

Specify -SS for cost-effective heavy Gold where it counts!

Edge Mount available. Call Samtec.



APPLICATIONS

SSM TSM

HORIZONTAL

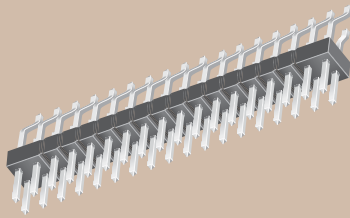
Note: Other Gold plating options available. Contact Samtec.

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

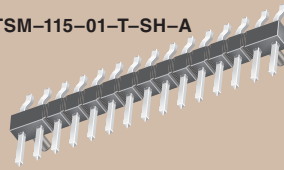
Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

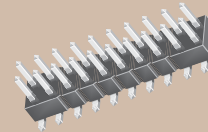
TSM-118-01-L-DH



TSM-115-01-T-SH-A



TSM-110-01-T-DV



OTHER OPTIONS

-A

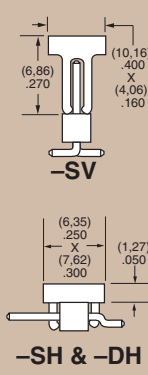
= Alignment Pin metal or plastic at Samtec discretion (Not available with -TV, TM or -MT) (02 positions min.) (N/A with -LC)

-K

= (6,50mm) .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)

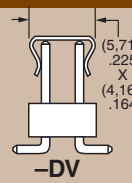
-P

= 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)



-M

= Metal Pick & Place Pad (4 positions minimum without -TR) (2 & 3 positions available with -TR) Styles -01 & -04 only (N/A with -T plating)



-TR

= Tape & Reel Packaging (-SV = 02-22 positions; 02 & 03 positions only available with -P) (-DV = 02-28 positions; 02 & 03 positions only available with -TR) (-SH = 02-30 positions; 02 & 03 position only available with -P) (-DH = 02-36 positions; 02 & 03 positions only available with -K and -P, 04 positions only with -P)

N/A with -MT, -TV or -TM

-LC

= Locking Clip (N/A with -TV or -TM) (3 positions min.) (N/A with -A) (Manual placement required)

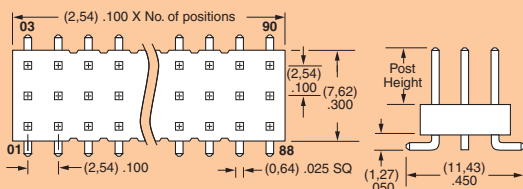
- "XXX" = Polarized Position

TAPE & REEL AVAILABILITY
No tooling charges. Minimum order is the lesser of a full reel quantity or 125 pieces. Order any quantity above minimum. In-house design, manufacture. Quick turn-around. Call Samtec for specifications and ordering information.

-TV

= Triple Row Vertical Surface Mount (Style -01 only)

02 thru 30 positions only



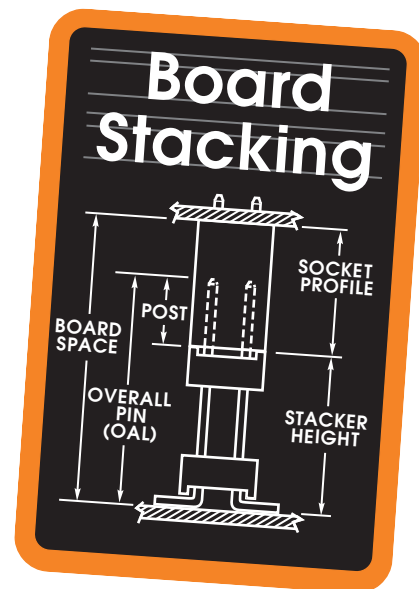
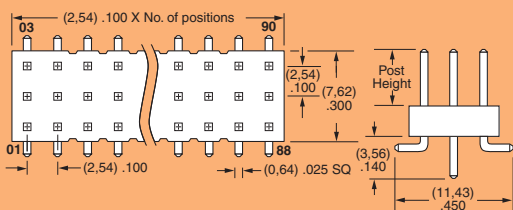
APPLICATION SPECIFIC OPTIONS

Edge Mount and Locking Clips for -SV, Solder Locks for -DH and Shrouds for -DV. Call Samtec.

-TM

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

02 thru 30 positions only



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

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