

Samtec



TSM-116-02-S-DV-LO



TSM-118-01-T-SV

.025"sq TERMINAL STRIPS TSM SERIES

Mates with:
SSW, SSQ, SSM, BSW,
ESW, ESQ, CLH, BCS,
IDSS, IDSD

Features:

- Single or double row
- Vertical or horizontal pin orientation
- Standard or extra length post height
- Alignment pins
- Locking clips
- Pick & Place Pads
- Polarization option
- Molded with high temperature Liquid Crystal Polymer for infrared or vapor phase reflow soldering.
- Mates with Samtec surface mount sockets, or with other Samtec high temperature through-hole sockets for mixed technology applications.

Edge Mount available.
Call Samtec.

TSM

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NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

02 thru 36

-01 = .230" (5,84mm) Post Height
(Mates with SSW, BCS, SSM)

-02 = .320" (8,13mm) Post Height
(Mates with IDSS, IDSD)

-03 = .420" (10,67mm) Post Height
(For Bottom Mount & Pass Thru)

-04 = .120" (3,05mm) Post Height
(Mates with CLH)

-S = 30μ" (0,76μm) Gold on post,
200μ" (5,08μm) Tin on tail

-L = 10μ" (0,25μm) Gold on post,
200μ" (5,08μm) Tin on tail

-T = 200μ" (5,08μm) Tin

New!

-05 = .075" (1,91mm) Post Height
(Mates with CLH) (-SV & -DV only)

Specifications:

TSM
HI-TEMP

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Current Rating:
3A continuous

Operating Temp Range:
-65°C to +105°C with Tin;

-65°C to +125°C with Gold

Max Processing Temp:
230°C for 60 seconds

Plating:

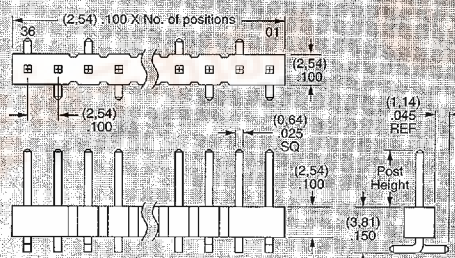
Au or Sn over

50μ" (1,27μm) Ni

SMT Lead Coplanarity:
.006" (0,15mm) max

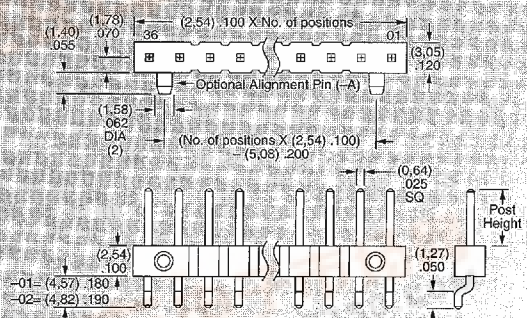
-SV

= Single Row Vertical Pin



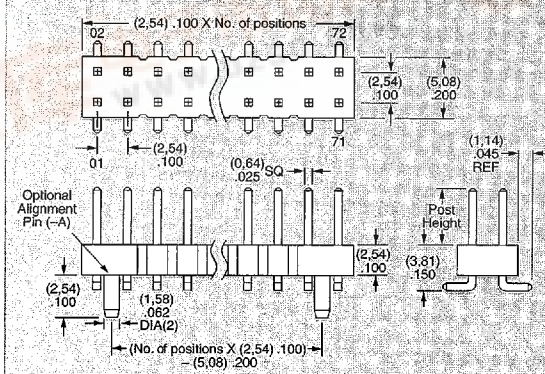
-SH

= Single Row Horizontal Pin



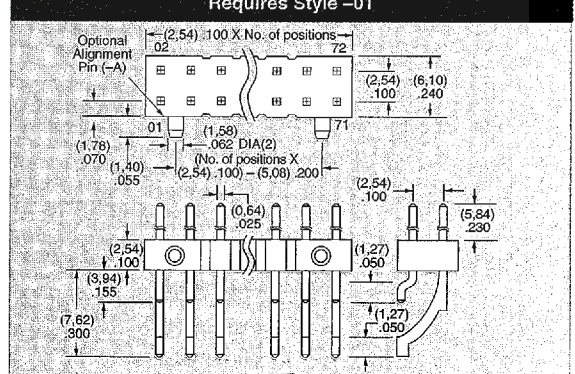
-DV

= Double Row Vertical Pin

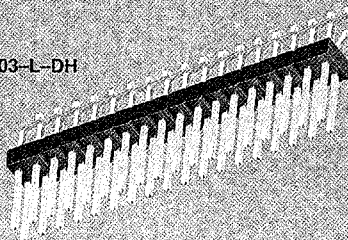


-DH

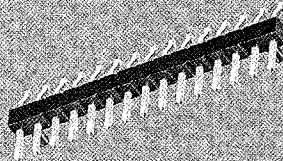
= Double Row Horizontal Pin
Requires Style -01



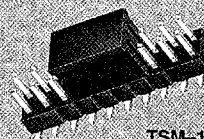
TSM-118-03-L-DH



TSM-115-01-T-SH-A



TSM-110-01-T-DV-P

ROW
OPTION

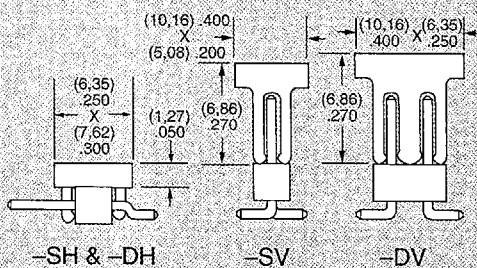
OPTIONS

FLEX
MOLD**-A**

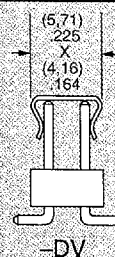
= Alignment Pin
Metal or plastic at Samtec discretion
(Not available with -SV)

-P

= Plastic Pick & Place Pad
(4 positions minimum)

**-M**

= Metal
Pick & Place Pad

**-XX**

= Polarized Position

-TR

= Tape & Reel Packaging
Not available
with -MT or -SV

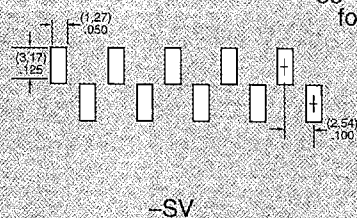
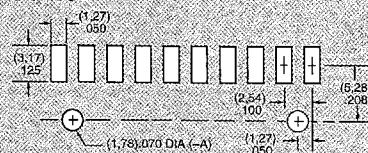
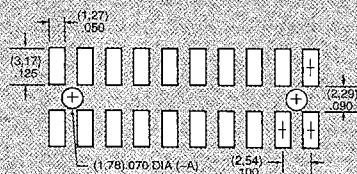
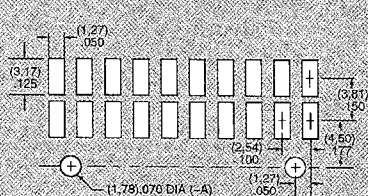
TAPE & REEL AVAILABILITY

No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications
and ordering information.

APPLICATION SPECIFIC OPTIONS

Mixed technology, locking clips and molded
pick and place pads available. Call Samtec.

PCB LAYOUTS

Suggested PCB Layouts
for TSM Series**-SV****-SH****-DV****-DH**Suggested Layout
for SSM Series
(Pass Through Application)