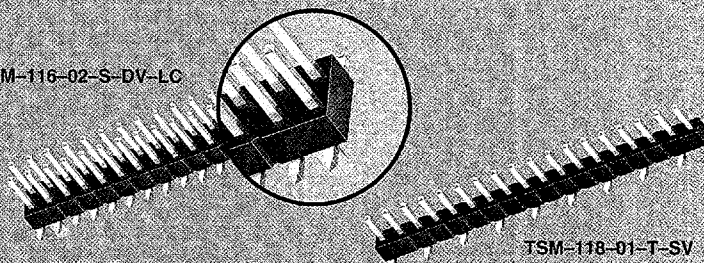




TSM-116-02-S-DV-LC



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
(For Bottom Mount & Pass Thru)

-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

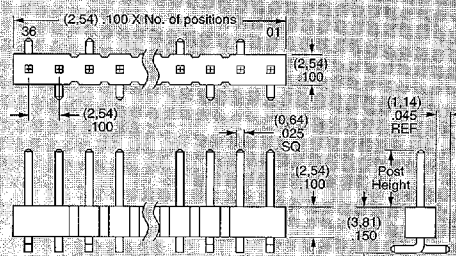
Plating:
Au or Sn over
50µ" (1,27µm) Ni

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

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

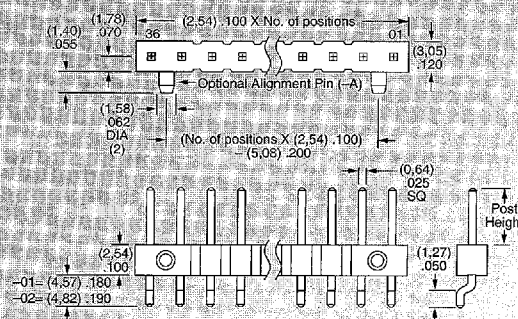
-SV

= Single Row Vertical Pin



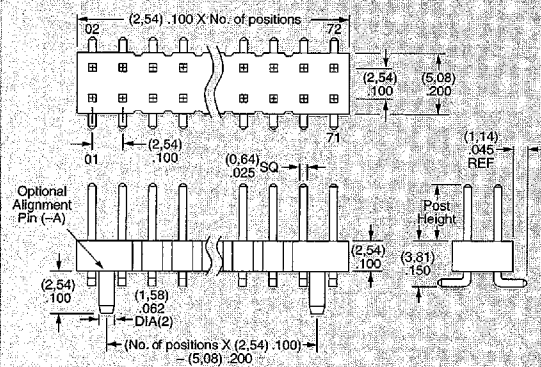
-SH

= Single Row Horizontal Pin



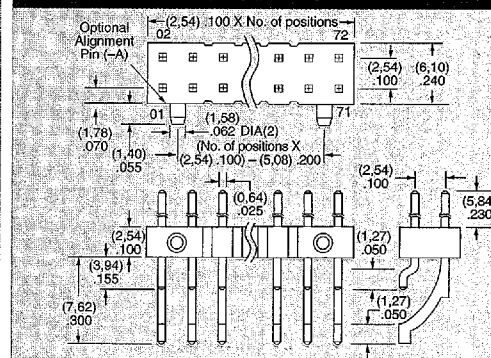
-DV

= Double Row Vertical Pin



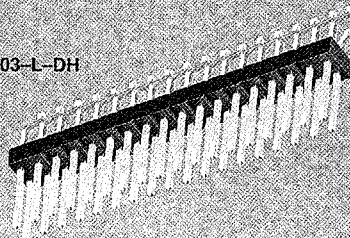
-DH

= Double Row Horizontal Pin
Requires Style -01

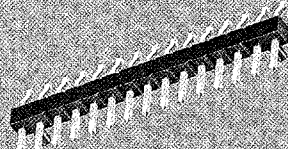


D 12F 7964149 0002103 939

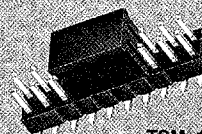
TSM-116-03-L-DH



TSM-115-01-T-SH-A



TSM-110-01-T-DV-P

ROW
OPTION

OPTIONS

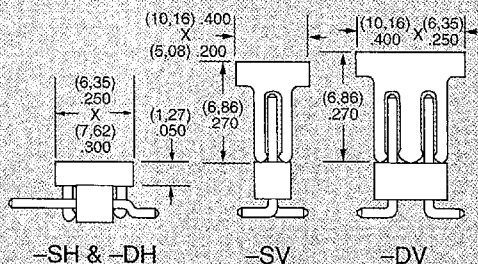
FLEX
MOLD

-A

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

-P

= Plastic Pick & Place Pad
(4 positions minimum)



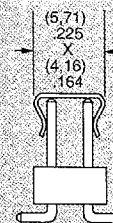
-SH & -DH

-SV

-DV

-M

= Metal
Pick & Place Pad



-DV

-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.

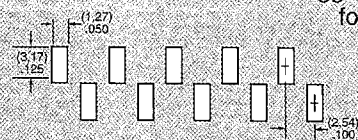
-XX

= Polarized Position

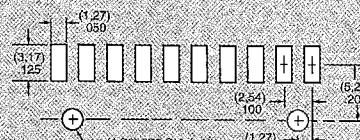
APPLICATION SPECIFIC OPTIONS

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

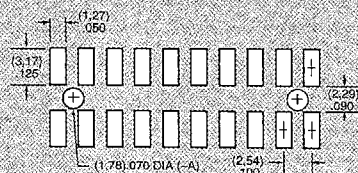
PCB LAYOUTS

Suggested PCB Layouts
for TSM Series

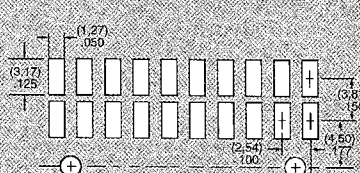
-SV



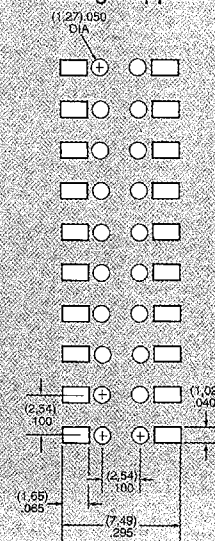
-SH



-DV



-DH

Suggested Layout
for SSM Series
(Pass Through Application)

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