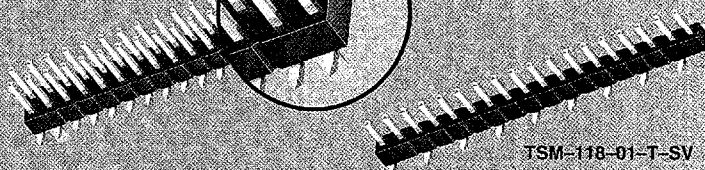




TSM-116-02-S-DV-LC



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

1

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

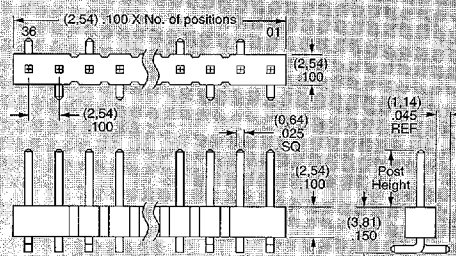
-T = 200µ" (5,08µm) Tin

New!

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

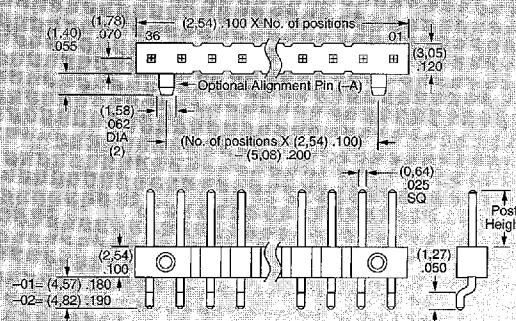
-SV

= Single Row Vertical Pin



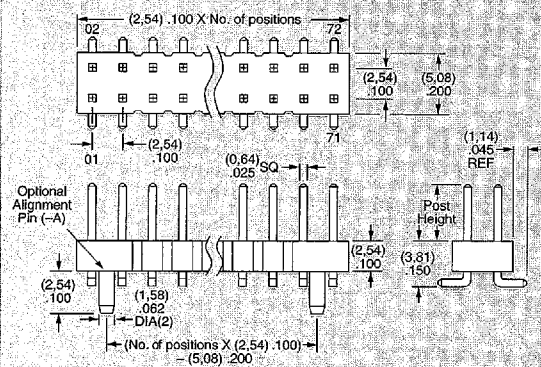
-SH

= Single Row Horizontal Pin



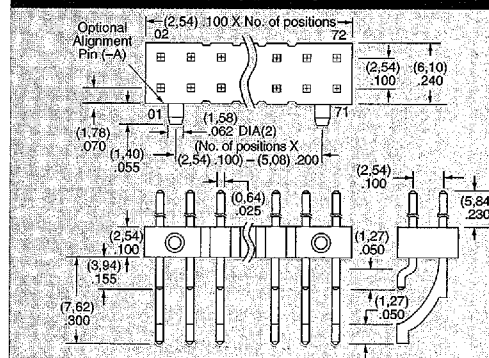
-DV

= Double Row Vertical Pin



-DH

= Double Row Horizontal Pin  
Requires Style -01



### 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

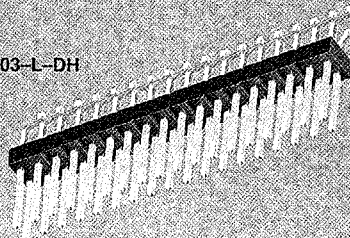
SMT Lead Coplanarity:  
.006" (0,15mm) max

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

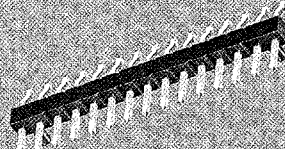
D 12F 7964149 0002103 939



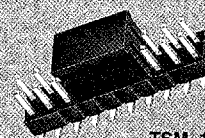
TSM-116-03-L-DH



TSM-115-01-T-SH-A



TSM-110-01-T-DV-P

ROW  
OPTION

OPTIONS

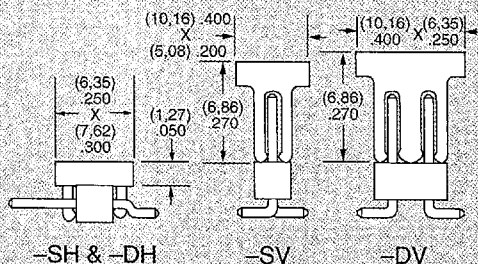
FLEX  
MOLD

-A

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

-P

= Plastic Pick & Place Pad  
(4 positions minimum)



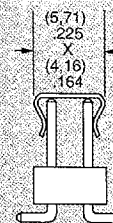
-SH &amp; -DH

-SV

-DV

-M

= Metal  
Pick & Place Pad



-DV

-TR

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

TAPE &amp; 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.

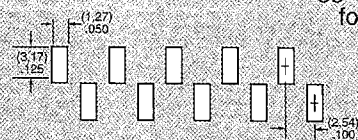
-XX

= Polarized Position

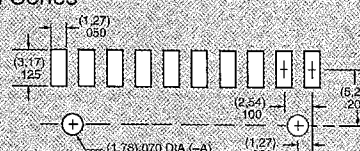
## APPLICATION SPECIFIC OPTIONS

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

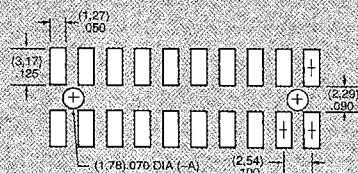
## PCB LAYOUTS

Suggested PCB Layouts  
for TSM Series

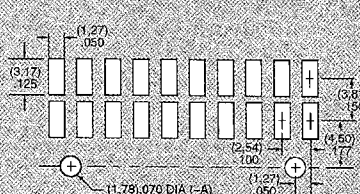
-SV



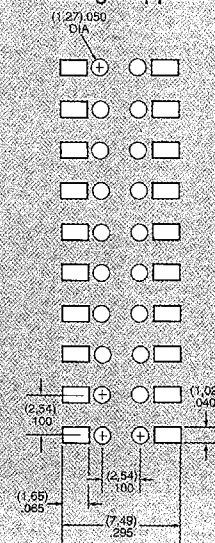
-SH



-DV



-DH

Suggested Layout  
for SSM Series  
(Pass Through Application)

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