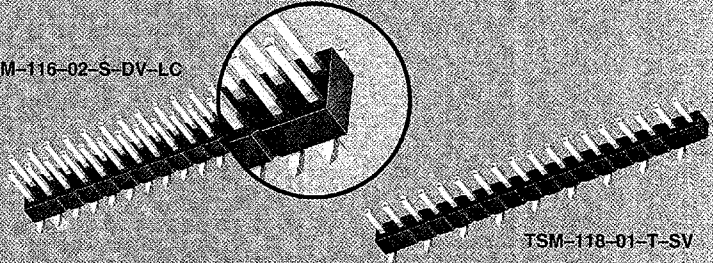




TSM-116-02-S-DV-LC



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		-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
				-O5 = .075" (1,91mm) Post Height (Mates with CLH) (-SV & -DV only)

*New!*

### 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

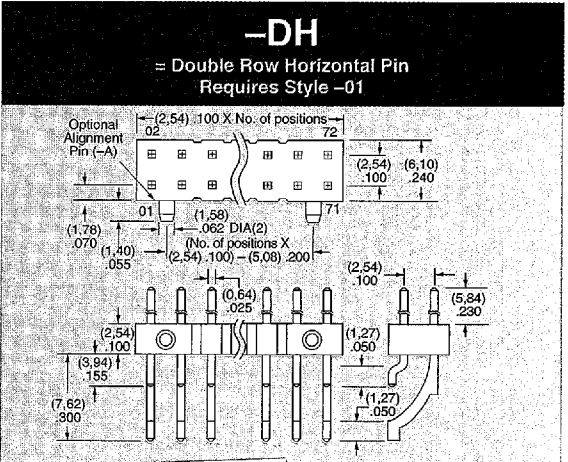
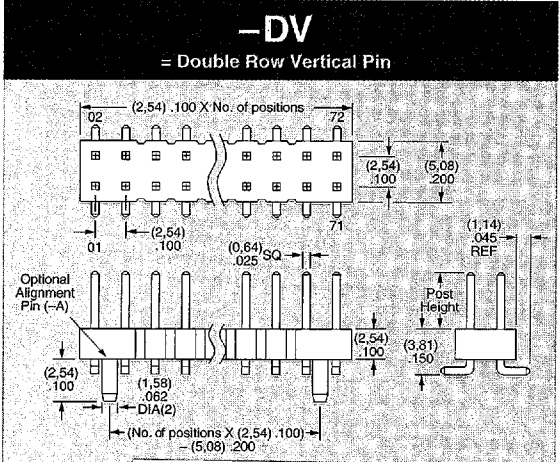
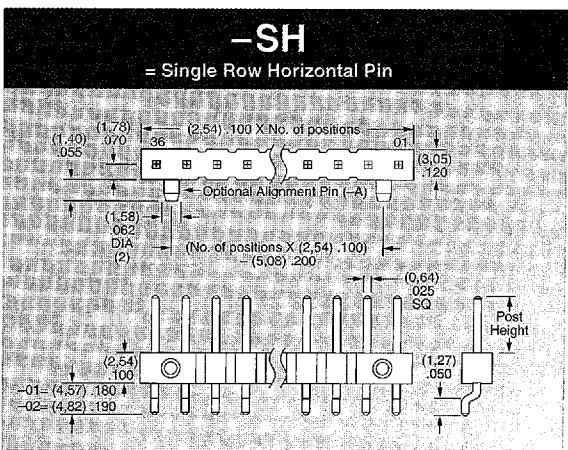
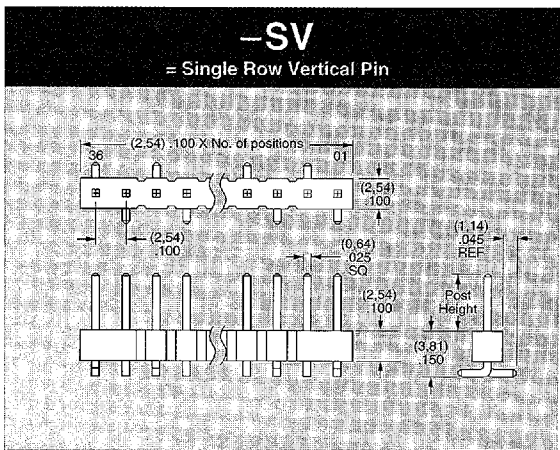
Max Processing Temp:  
230°C for 60 seconds

Plating:  
Au or Sn over

50µ" (1,27µm) Ni

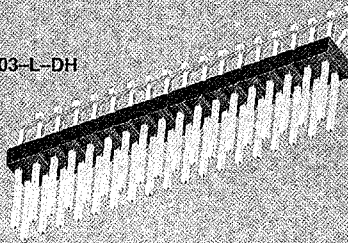
SMT Lead Coplanarity:  
.006" (0,15mm) max

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

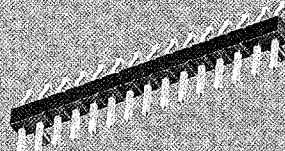


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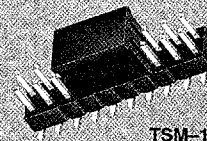
TSM-116-03-L-DH



TSM-115-01-T-SH-A



TSM-110-01-T-DV-P



ROW  
OPTION

OPTIONS

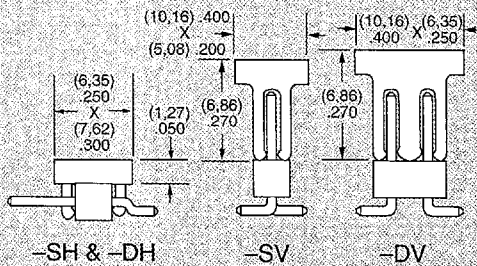
**FLEX  
MOLD**

**-A**

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

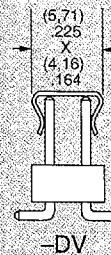
**-P**

= Plastic Pick & Place Pad  
(4 positions minimum)



**-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.

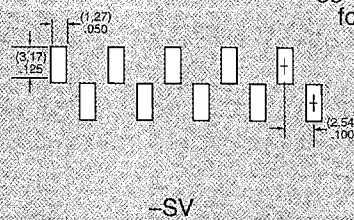
Call Samtec for specifications  
and ordering information.

APPLICATION SPECIFIC OPTIONS

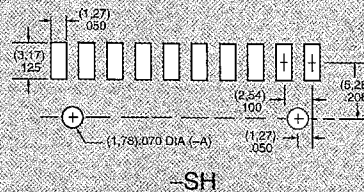
Mixed technology, locking clips and molded  
pick and place pads available. Call Samtec.

PCB LAYOUTS

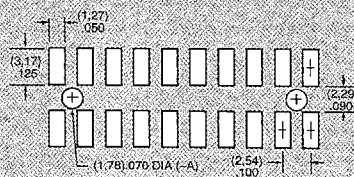
Suggested PCB Layouts  
for TSM Series



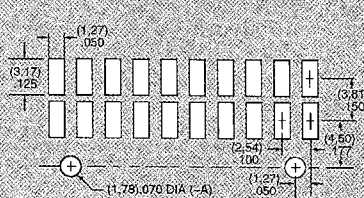
-SV



-SH

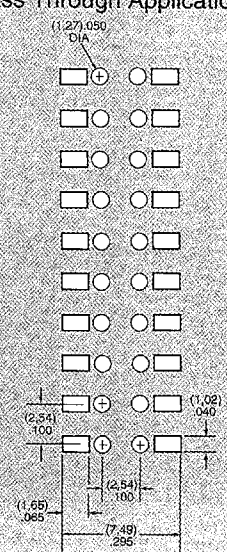


-DV



-DH

Suggested Layout  
for SSM Series  
(Pass Through Application)



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