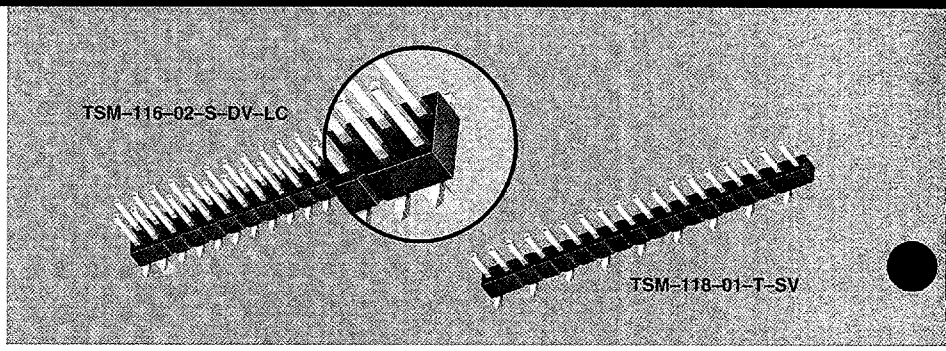
samtec

Ships Next DAY



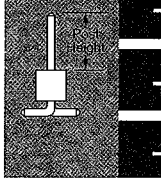
.025" SQ TERMINAL STRIPS TSM SERIES

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 (Mates with CLH)

New!

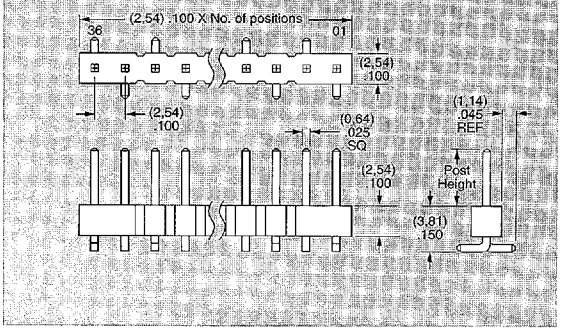
–05 = .075" (1,91mm) Post Height (Mates with CLH) (-SV & -DV only)

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

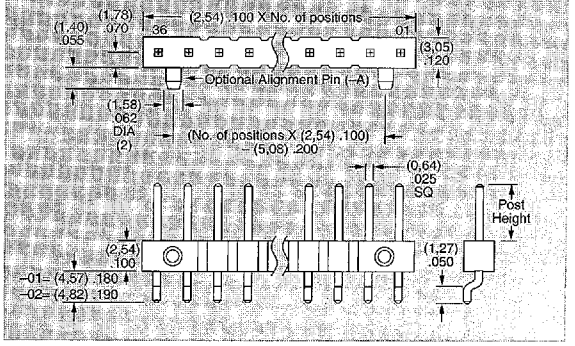
–L = 10µ" (0,25µm) Gold on post, 200µ" (5,08µm) Tin on tail

–T = 200µ" (5,08µm) Tin

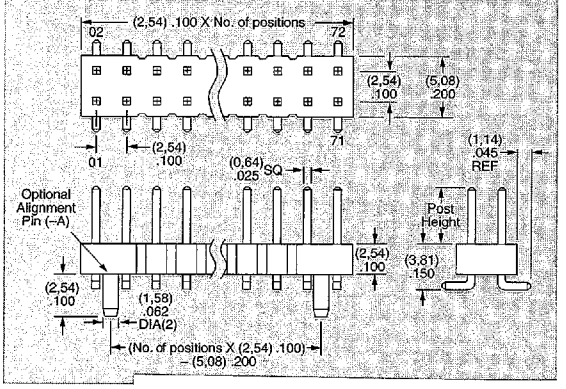
–SV
= Single Row Vertical Pin



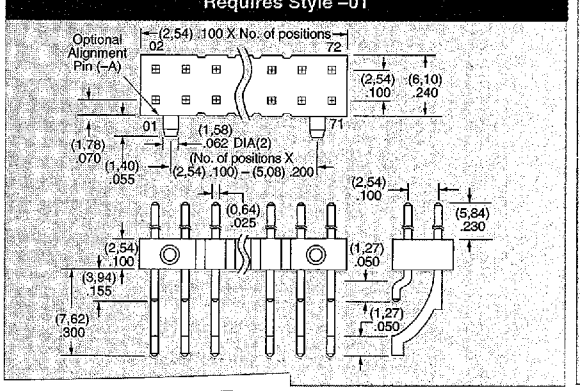
–SH
= Single Row Horizontal Pin



–DV
= Double Row Vertical Pin



–DH
= Double Row Horizontal Pin
Requires Style –01



Specifications:

TSM
HI-TEMP

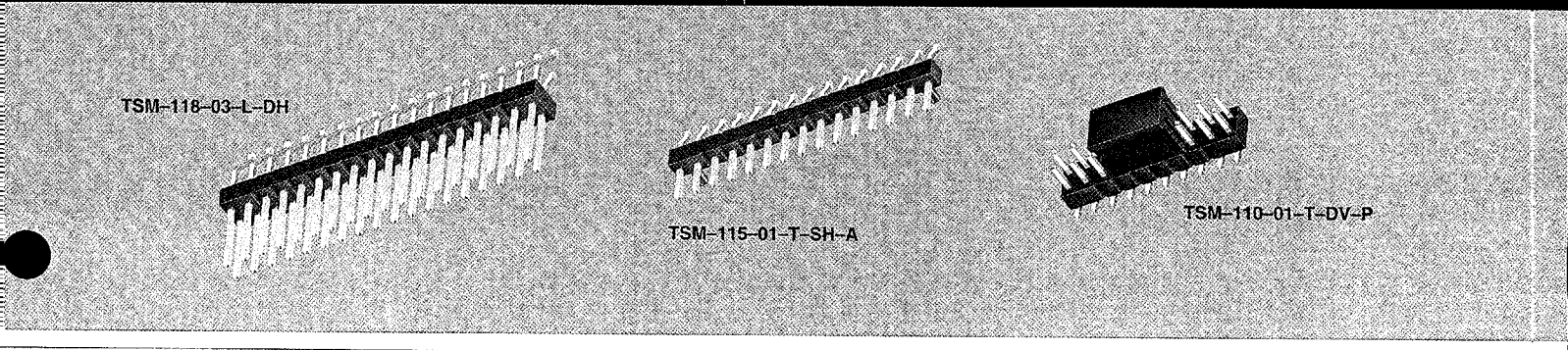
Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Current Rating:
3A continuous
Operating Temp Range:
-65°C to +105°C with Tin;
-65°C to +125°C with Gold
Max Processing Temp:
230°C for 60 seconds
Plating:
Au or Sn over
50µ" (1,27µm) Ni
SMT Lead Coplanarity:
.006" (0,15mm) max

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

D 12F 7964149 0002103 939

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047 SAMTEC ASIA PACIFIC • Tel: 65-745-5955 • Fax: 65-841-1502
SAMTEC UNITED KINGDOM • Tel: 01236 739292 • Fax: 01236 727113 SAMTEC GERMANY • Tel: +49 8141 3785 0 • Fax: +49 8141 3785 99 SAMTEC FRANCE • Tel: 33 0160 24 7550 • Fax: 33 0160 24 7559
Internet: http://www.samtec.com • E-mail: info@samtec.com

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



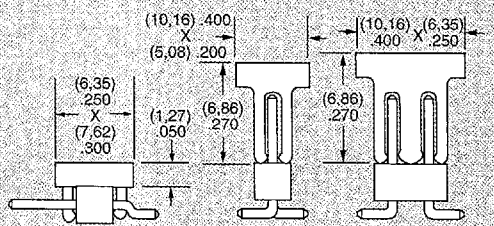
ROW OPTION

OPTIONS

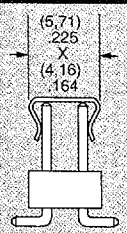
FLEX MOLD

–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



–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.

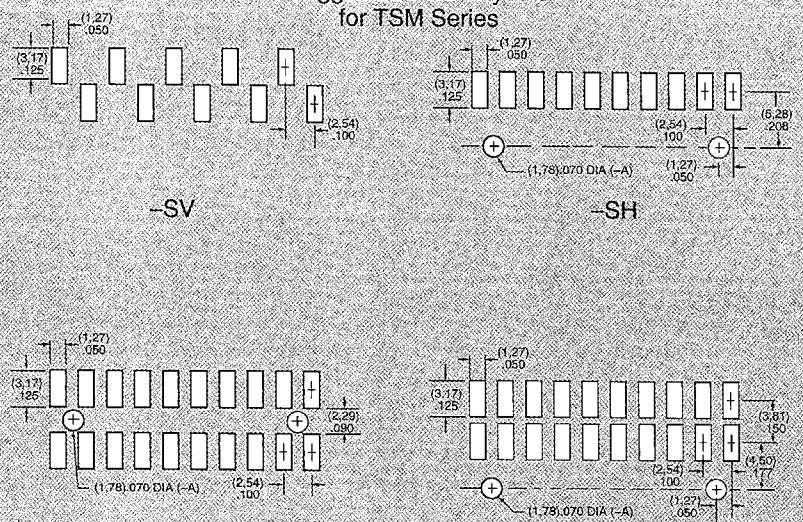
–XX
=Polarized Position

APPLICATION SPECIFIC OPTIONS

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

PCB LAYOUTS

Suggested PCB Layouts for TSM Series



Suggested Layout for SSM Series (Pass Through Application)

