



**TSM-121-01-T-SV**

**E.L.P.<sup>™</sup>**  
EXTENDED LIFE PRODUCT

10 year Mixed Flowing Gas with 30µ" Gold  
Call Samtec for maximum mated cycles

# SMT .025" SQ POST HEADER

SSW, SSQ, SSM, BSW,  
ESW, ESQ, BCS, SLW,  
CES, HLE, IDSS, IDSD,  
SMSD, SMSS

For complete specifications  
and recommended PCB layouts  
see [www.samtec.com?TSM](http://www.samtec.com?TSM)

| MATES                 | CONNECTIONS<br>(PER PIN) |
|-----------------------|--------------------------|
| TSM/SSW               | 4.9 A                    |
| TSM/SSM               | 5.4 A                    |
| TSM/HLE               | 4.1 A                    |
| 1 PIN POWERED PER ROW |                          |

For complete scope  
of recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

FILE NO: 000871 0 00

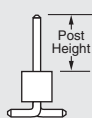
## SSM TSM



**HORIZONTAL**

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

|     |   |                  |            |                |            |
|-----|---|------------------|------------|----------------|------------|
| TSM | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION |
|     |   | 02 thru 36       | T          | -F             | T          |



**-04 = .120" (3,05 mm) Post Height  
(Mates with SLW, CES, HLE)**

## PLATING OPTION

**-F**  
= Gold flash on post,  
Matte Tin on tail

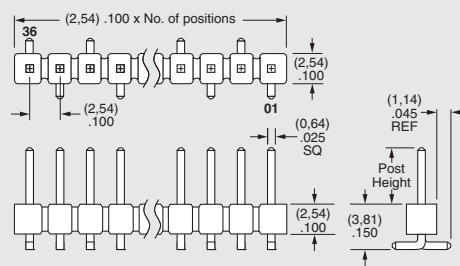
**-L**  
= 10μ" (0,25 μm) Gold on post,  
Matte Tin on tail

**-S**  
= 30μ" (0,76 μm) Gold on post,  
Matte Tin on tail

**-T**  
= Matte Tin

–SV

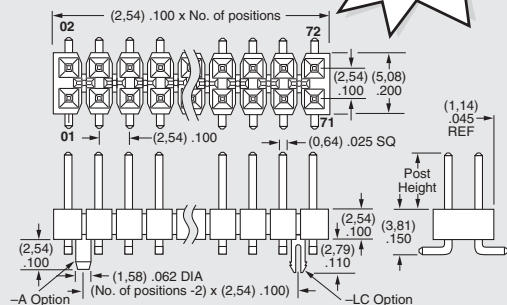
**= Single Row Vertical Pin**



-DV

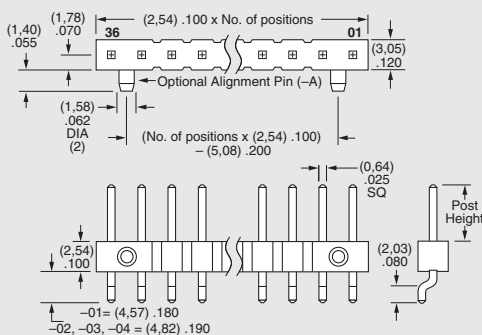
**= Double Row Vertical Pin**

Edge Mount  
available.  
Call Samtec.



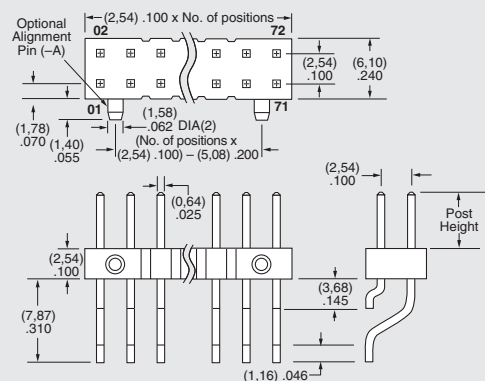
-SH

**= Single Row  
Horizontal Pin**



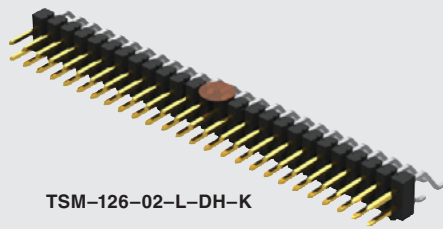
—DH

**= Double Row Horizontal Pin  
(Style -01, -02 or -03 only)**



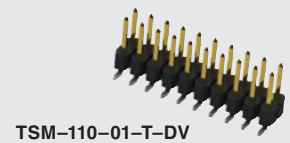
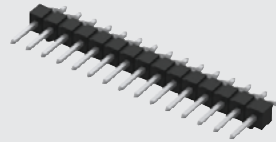
**WWW.SAMTEC.COM**

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



TSM-126-02-L-DH-K

TSM-115-01-T-SH-A



TSM-110-01-T-DV

## TSM SERIES

### OTHER OPTIONS

#### -A

= Alignment Pin metal or plastic at Samtec discretion (Not available with -TM or -MT) (02 positions min.) (Not available with -LC)

#### -LC

= Locking Clip (Not available with -TM) (3 positions min.) (Not available with -A) (Manual placement required)

#### -K

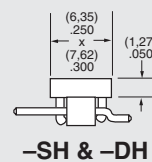
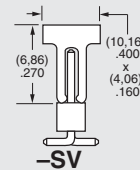
= (6,50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SH: 4 positions minimum without -TR; 2 & 3 positions available with -TR) (-DH: 4 positions minimum without -TR)

#### -“XXX”

= Polarized Position

#### -P

= Plastic Pick & Place Pad (-DV: 4 positions minimum without -TR; 2 & 3 positions available with -TR) (-SH: 4 positions minimum without -TR; 2 & 3 positions available with -TR) (-DH: 5 positions minimum without -TR) (-SV: 4 positions minimum without -TR; 2 & 3 positions available with -TR)



#### -TR

= Tape & Reel Packaging -SV = 02-22 positions -DV = 02-28 positions -SH = 02-30 positions -DH = 02-29 positions

Not available with -MT or -TM

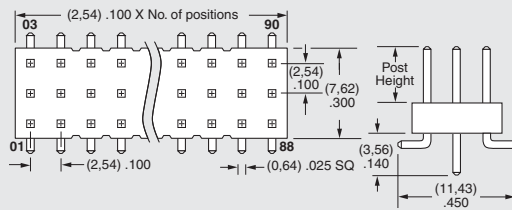
#### TAPE & REEL AVAILABILITY

No tooling charges. Minimum order is the lesser of a full reel quantity or 125 pieces. Order any quantity above minimum. In-house design, manufacture. Quick turn-around. Call Samtec for specifications and ordering information.

#### -TM

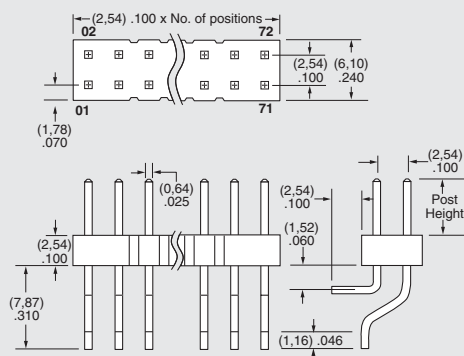
= Triple Row Vertical Mixed Technology (Style -01 only)

02 thru 30 positions only



#### -MT

= Mixed Technology Pin (Style -01, -02 or -03 only)



### ALSO AVAILABLE (MOQ Required)

- Edge Mount and Locking Clips for -SV
  - Solder Locks for -DH and Shrouds for -DV
  - Metal Pick & Place Pad
  - Other platings
- Contact Samtec.

## Board Stacking

