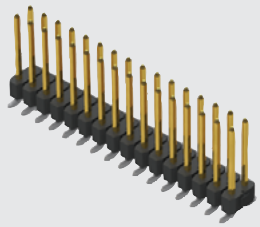
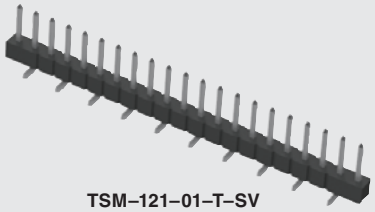
samtec

E.L.P.™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum mated cycles

TSM–116–02–S–DV–LC





TSM–121–01–T–SV

(2,54 mm) .100"

SMT .025" SQ POST HEADER

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TSM

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50µ" (1,27 µm) Ni
Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold
Voltage Rating:
475 VAC -SV/-DV mated with BCS or SSM
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes
-DH/-SH Lead Coplanarity:
(0,15 mm) .006" max (02-36)
-DV/-SV Lead Coplanarity:
(0,10 mm) .004" max (02-05)
(0,13 mm) .005" max (06-10)
(0,15 mm) .006" max (11-36)

MATES	CURRENT RATING (PER PIN)
TSM/SSW	4.9 A
TSM/SSM	5.4 A
TSM/HLE	4.1 A
1 PIN POWERED PER ROW	

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

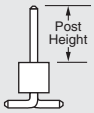
FILE NO. E111594
FILE NO: 090871_0_000

APPLICATIONS
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			

LEAD STYLE



–01 = .230" (5,84 mm) Post Height (Mates with SSW, BCS, SSM, IDSS, IDSD)
–02 = .320" (8,13 mm) Post Height (Mates with SSM -DH)
–03 = .420" (10,67 mm) Post Height (For Bottom Mount & Pass Through)
–04 = .120" (3,05 mm) Post Height (Mates with SLW, CES, HLE)

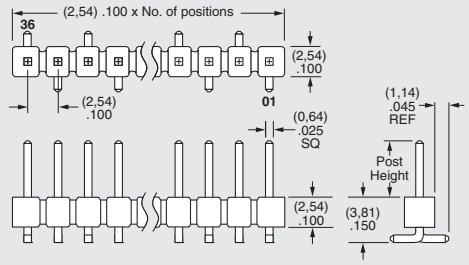
PLATING OPTION

–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

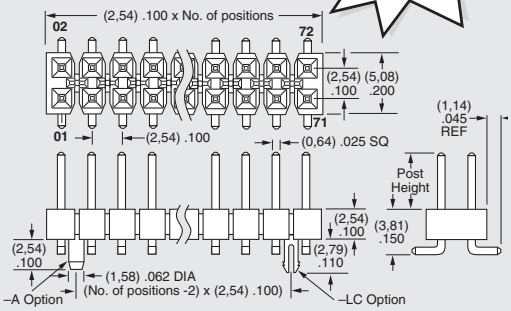
ROW OPTION

Edge Mount available. Call Samtec.

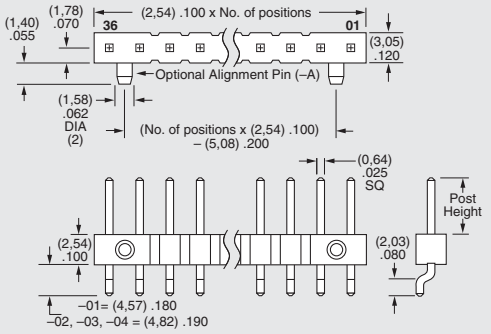
–SV
= Single Row Vertical Pin



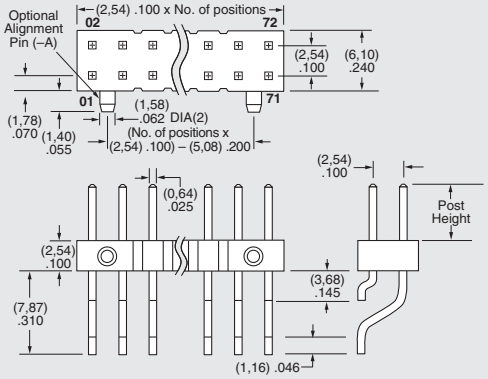
–DV
= Double Row Vertical Pin



–SH
= Single Row Horizontal Pin



–DH
= Double Row Horizontal Pin (Style –01, –02 or –03 only)



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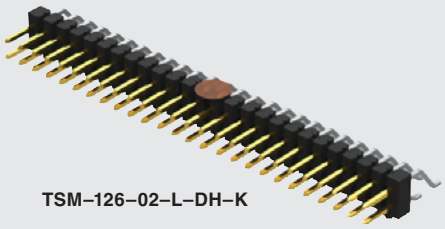
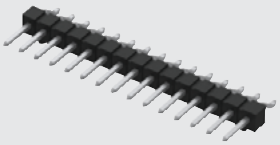
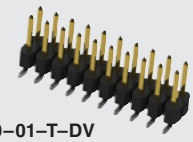


TSM–126–02–L–DH–K

TSM–115–01–T–SH–A





TSM–110–01–T–DV

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

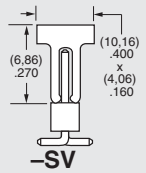
–P
=Plastic Pick & Place Pad

(–DV: 4 positions minimum without –TR; 2 & 3 positions available with –TR)

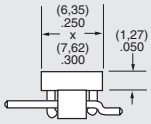
(–SH: 4 positions minimum without –TR; 2 & 3 positions available with –TR)

(–DH: 5 positions minimum without –TR)

(–SV: 4 positions minimum without –TR; 2 & 3 positions available with –TR)



–SV



–SH & –DH

–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

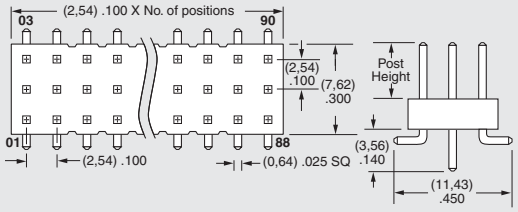
TAPE & REEL AVAILABILITY

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.

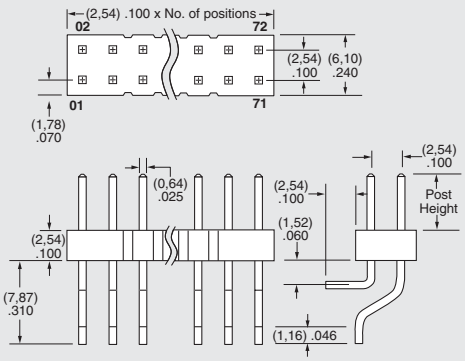
Call Samtec for specifications and ordering information.

–TM
= Triple Row Vertical Mixed Technology (Style –01 only)

02 thru 30 positions only



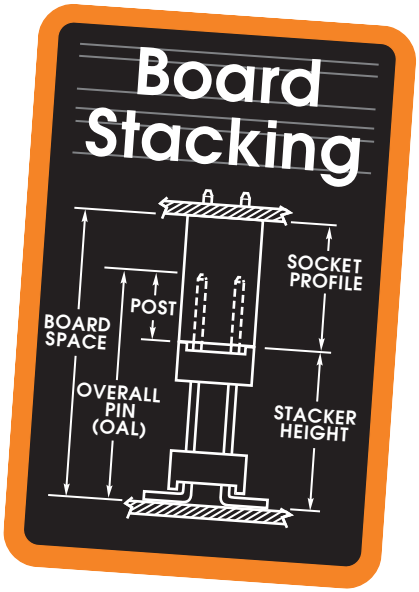
–MT
= Mixed Technology Pin (Style –01, –02 or –03 only)



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.



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