



(2.54 mm) .100"

TSM-116-02-S-DV-LC



TSM-121-01-T-SV

SMT .025" SQ POST HEADER

Board Mates:

SSW, SSQ, SSM, BSW, ESW, ESQ, BCS, SLW, CES, HLE

Cable Mates:

IDSS, IDSD

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

50 μ " (1.27 μ m) Ni**Operating Temp Range:** -55 $^{\circ}$ C to +105 $^{\circ}$ C with Tin;-55 $^{\circ}$ C to +125 $^{\circ}$ C with Gold**Voltage Rating:** 475 VAC -SV/-DV mated with

BCS or SSM

RoHS Compliant: Yes

MATES	CURRENT RATING (PER PIN)
TSM/SSW	4.7 A
TSM/SSM	5.4 A
TSM/HLE	4.1 A
2 PINS POWERED	

PROCESSING**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)*

*.004" stencil solution

may be available; contact

IPG@samtec.com

RECOGNITIONS

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



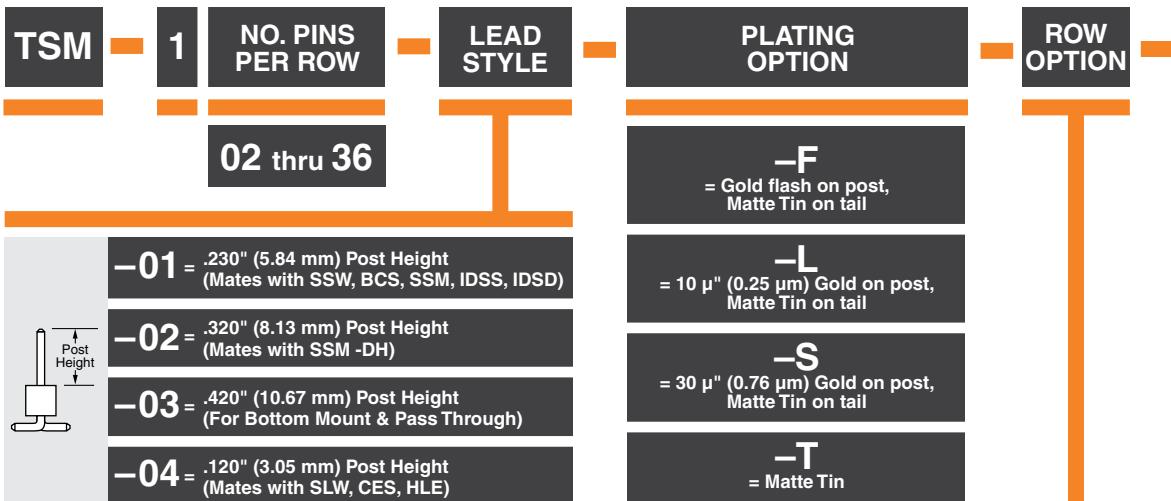
FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Edge Mount and Locking Clips for -SV
- Solder Locks for -DH and Shrouds for -DV
- Other platings

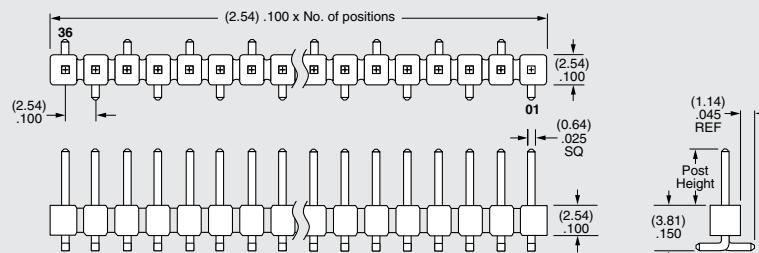
Note:

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



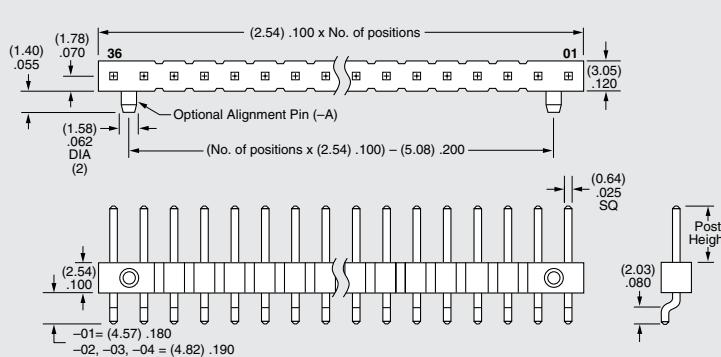
-SV

= Single Row Vertical Pin



-SH

= Single Row Horizontal Pin

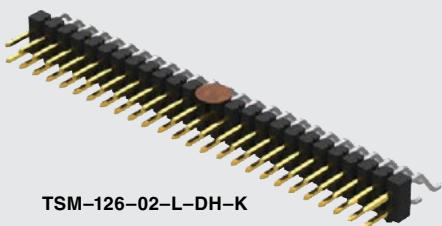


Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



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

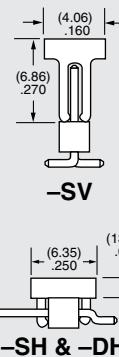
= (6.50 mm) .256" DIA
Polyimide Film
Pick & Place Pad
(-SH: 4 positions
minimum without -TR;
2 & 3 positions
available with -TR)
(-DH: 4 positions
minimum without -TR)

“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

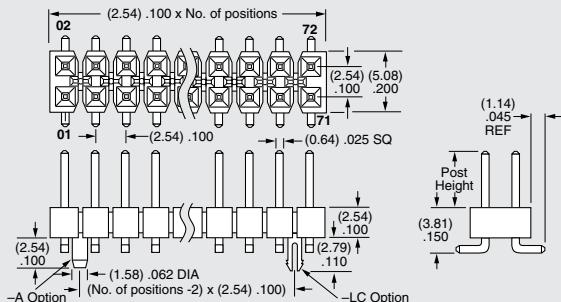
= Tape & Reel Packaging
-SV: 02-22 positions, -DV: 02-28 positions,
-SH: 02-30 positions, -DH: 02-29 positions
(Not available with -MT or -TM)

-FR

= Full Reel Tape & Reel Packaging
(Must order maximum quantities per reel)
Contact Samtec for parts per reel
-SV: 02-22 positions, -DV: 02-28 positions,
-SH: 02-30 positions, -DH: 02-29 positions
(Not available with -MT or -TM)

-DV

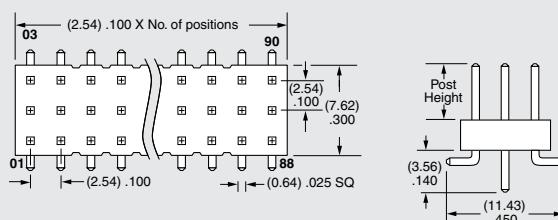
= Double Row Vertical Pin



-TM

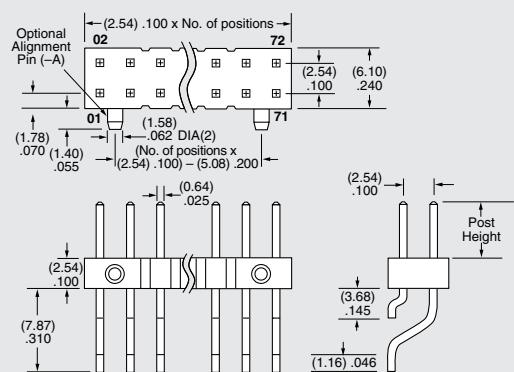
= Triple Row Vertical Mixed Technology (Style -01 only)

02 thru 30 positions only



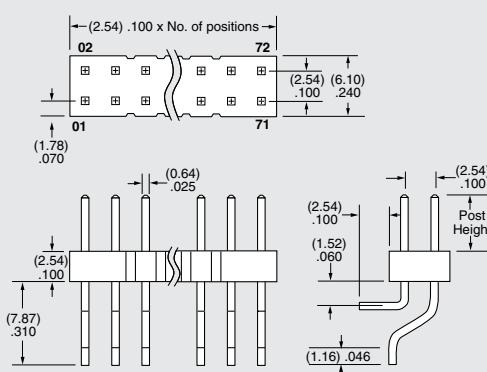
-DH

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



-MT

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



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Mouser Electronics

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[TSM-104-01-L-DH-A](#)