



TSM-116-02-S-DV-LC





(2.54 mm) .100"

.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

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Plating:
Au or Sn over
50 µ" (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

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 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" stancil solution (.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

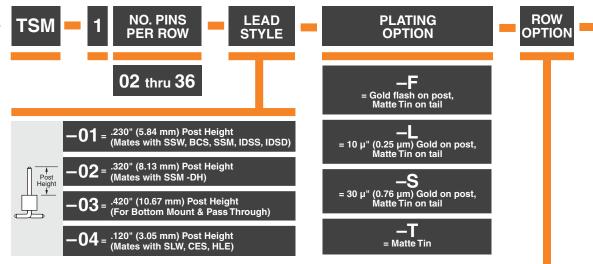
For complete scope of recognitions see www.samtec.com/quality

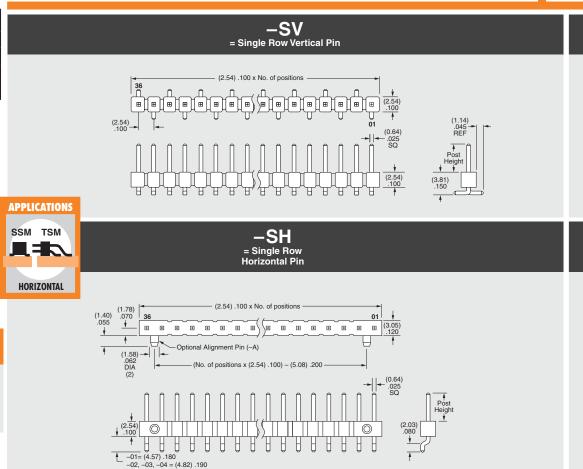


ALSO AVAILABLE (MOQ Required)

- 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.





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





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

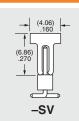
-P

= 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)



-SH & -DH

-TR

= Tape & Reel Packaging

-SV = 02-22 positions

-DV = 02-28 positions

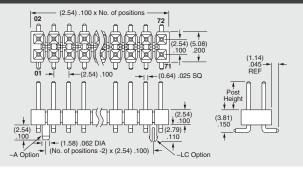
-SH = 02-30 positions

-DH = 02-29 positions

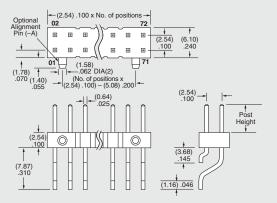
Not available with -MT or -TM

-DV

= Double Row Vertical Pin



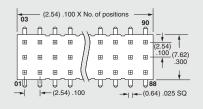
−DH = Double Row Horizontal Pin (Style −01, −02 or −03 only)

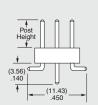


-TM

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

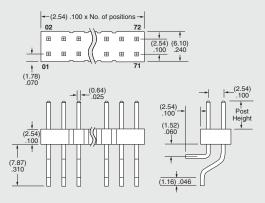
02 thru 30 positions only





-MT

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



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TSM-106-01-L-SH-A-P-TR