

(2.54 mm) .100"



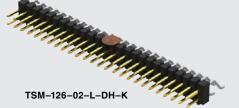




STYLE



OPTION



TSM-115-01-T-SH-A





# SMT .025" SQ POST HEADER

**PER ROW** 

02 thru 36

-02 = .320" (8.13 mm) Post Height (Mates with SSM -DH)

-04 = .120" (3.05 mm) Post Height (Mates with SLW, CES, HLE)

.230" (5.84 mm) Post Height (Mates with SSW, BCS, SSM, IDSS, IDSD)

.420" (10.67 mm) Post Height (For Bottom Mount & Pass Through)

TSM

**APPLICATIONS** 

SSM TSM

具书

HORIZONTAL

# **Board Mates:**

## ESQ, BCS, SLW, CES, HLE Cable Mates:

## **SPECIFICATIONS**

SSW, SSQ, SSM, BSW, ESW,

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 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

MATES (PER PIN) TSM/SSW 4.7 A TSM/SSM 5.4 A

TSM/HLE

2 PINS POWERED

4.1 A

## **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

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

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



**PLATING** 

**OPTION** 

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

= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

**-S** = 30 μ" (0.76 μm) Gold on post, Matte Tin on tail

= Matte Tin



## **TSM SERIES**

# **OTHER OPTIONS**

# = Alignment Pin metal or plastic at Samtec discretion with -TM or -MT)

= Locking Clip Not available with -TM (3 positions min.) (Not available with –A)

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

available with -TR (-DH: 4 positions -"XXX" = Polarized

= 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

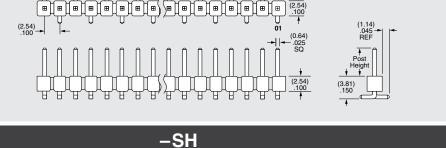
(13.27) (6.35) (13.27) (0.50) -SH & -DH

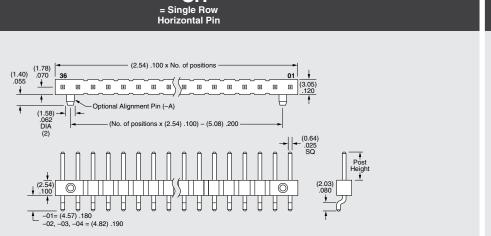
-TR

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

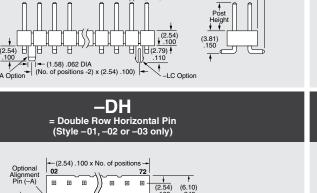
= Full Reel Tape & Reel -SV: 02-22 positions, -DV:02-28 position -SH: 02-30 positions, –DH: 02-29 position (Not available with –MT or –TM)

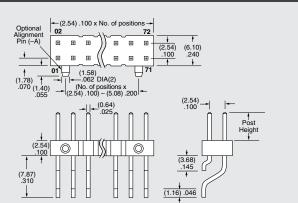
# -SV = Single Row Vertical Pin

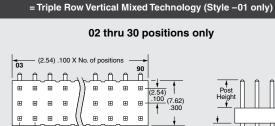


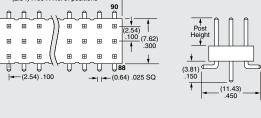


# -DV = Double Row Vertical Pin (1.14) .045-REF -A Option (No. of positions -2) x (2.54) .100)



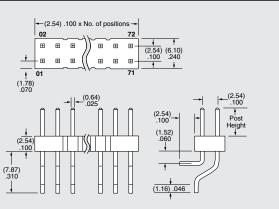






= Mixed Technology Pin (Style –01, –02 or –03 only)

-TM



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TSM-109-01-F-DH-A