SURFACE MOUNT .025" SQ POST HEADE Gbp

TSM

(2.54 mm) .100" PITCH • TSM SERIES

TSM

Board Mates: SSW, SSQ, SSM, BSW, ESW, ESQ, BCS, SLW, CES, HLE Cable Mates: IDSS, IDSD

SPECIFICATIONS

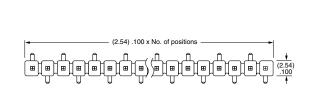
Insulator Material: Black Liquid Crystal Polymer Terminal Material: Terminal Material: Phosphor Bronze Plating: Au or Sn over 50 μ" (1.27 μm) Ni Operating Temp Range: -55 °C to +105 °C with Tin; -55 °C to +125 °C with Gold Voltage Ration: Voltage Rating: 475 VAC -SV/-DV mated with BCS or SSM

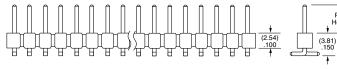
PROCESSING

Lead-Free Solderable:

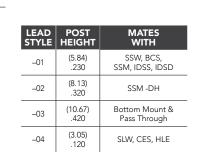
Lead-Free Solderable: Yes -DH/-SH/-SV Lead Coplanarity: (0.15 mm) .006" max (02-36)* -DV Lead Coplanarity: (0.10 mm) .004" max (02-05) (0.13 mm) .005" max (06-10)* (0.15 mm) .006" max (11-36)* *(.004" stencil solution may be available; contact ipo@eamter com) ipg@samtec.com)

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









LEAD STYLE

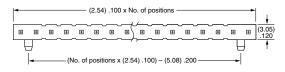
Specify LEAD STYLE

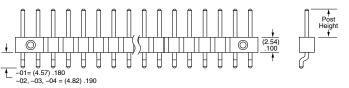
from chart

8

NO. PINS PER ROW

02 thru 36





-SH Row Option

(2.54) .100 x No. of positions X ha M ¥ िल Nơ har (5.08) .200 Post Height (2.54) (3.81) .150 Η Н Η . (No. of positions -2) x (2.54) .100)

Note:

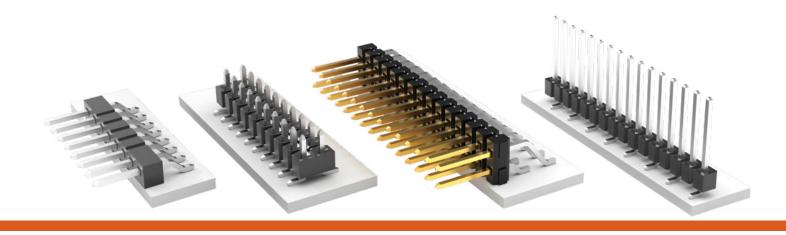
Some lengths, styles and options are non-standard, non-returnable.

F-221 (Rev 15SEP21)

-DV Row Option

samtec.com?TSM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.



PLATING OPTION

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



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

-T = Matte Tin

ROW OPTION

-SV = Single Row Vertical Pin

-DV = Double Row Vertical Pin

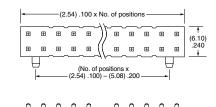
-SH = Single Row Horizontal Pin

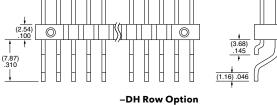
-DH = Double Row Horizontal Pin (Style -01, -02 or -03 only)

-TM = Triple Row Vertical Mixed Technology (Style –01 only) (02 thru 30 positions only)

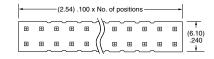
> -MT = Mixed Technology Pin (Style -01, -02 or -03 only)

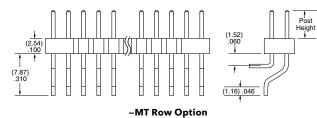
> > Post Height











(2.54) .100 x No. of positions

n

Ħ Ħ Ŧ

Ħ

Ħ Ħ Œ

ñ n ñ n

Ħ Œ Ħ Ħ

Œ Ħ

Œ

Ħ

n

Ħ

Ħ

Œ Œ

Ħ

Đ Ħ Ħ

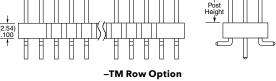
n

Ħ

Œ

⊞ Œ

n n n



OTHER OPTIONS

-"XXX" = Polarized Position

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

-LC = Locking Clip (Not available with -TM) (3 positions minimum) (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)

-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 minimum without -TR) (-DH: 5 positions minimum without -TR; 2 & 3 positions available with -TR)

-TR = Tape & Reel -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
(must order maximum quantity per reel; contact Samtec for quantity breaks)
SV: 02-22 positions, -DV: 02-28 positions, -SH: 02-30 positions, -DH: 02-29 positions (Not available with -MT or -TM)

t

(7.62) .300

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec: TSM-106-01-L-SH-LC