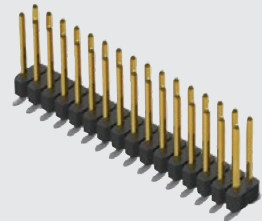


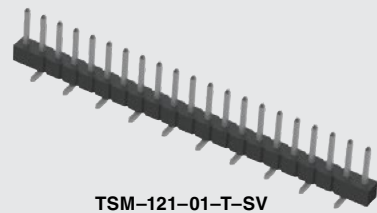


(2.54 mm) .100"

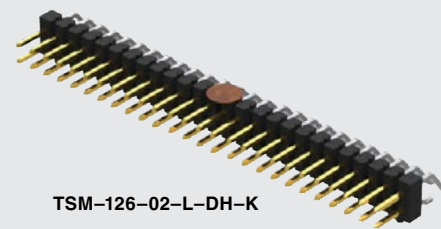
TSM-116-02-S-DV-LC



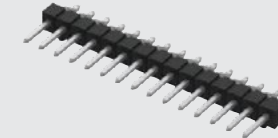
TSM-121-01-T-SV



TSM-126-02-L-DH-K



TSM-115-01-T-SH-A



TSM-110-01-T-DV



TSM SERIES

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 µm (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	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

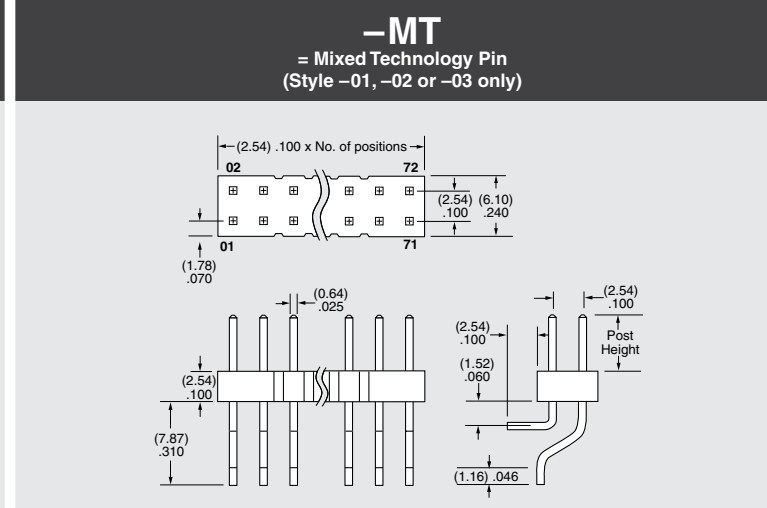
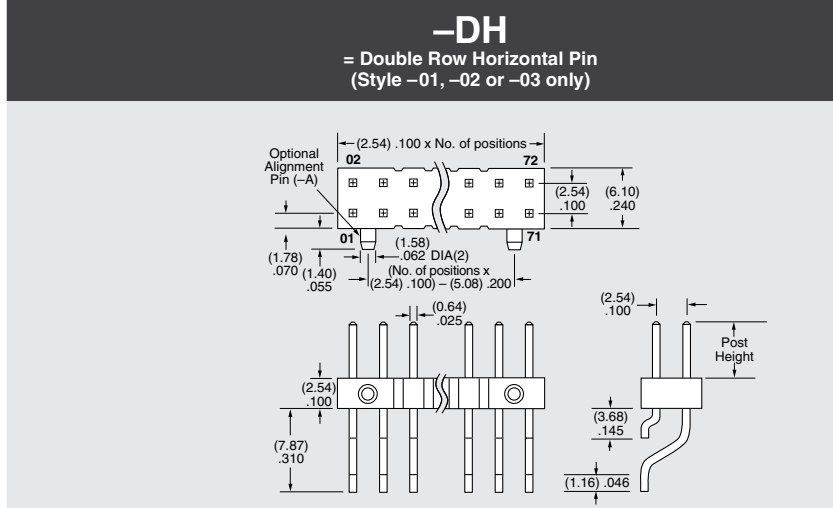
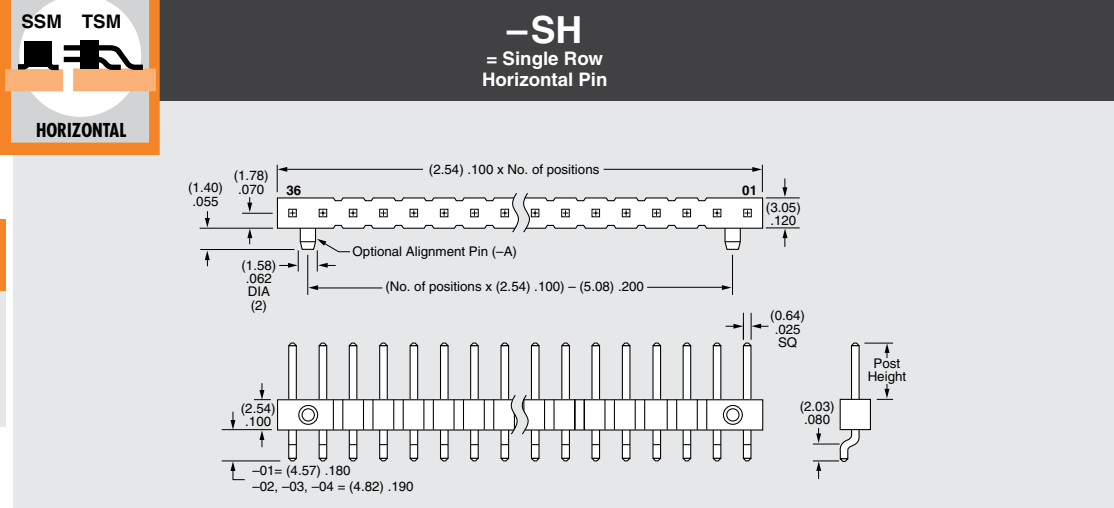
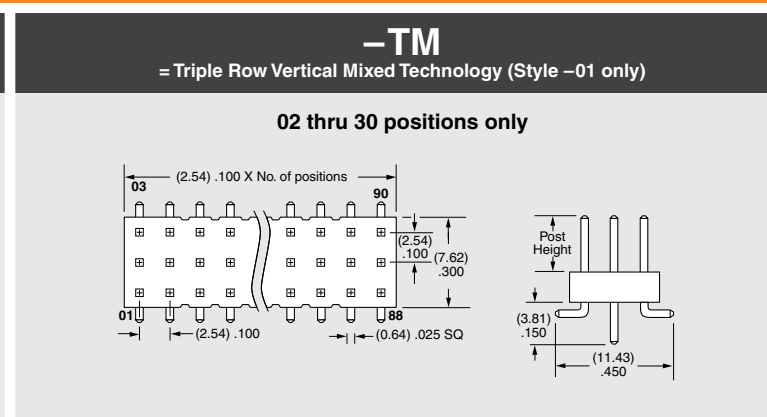
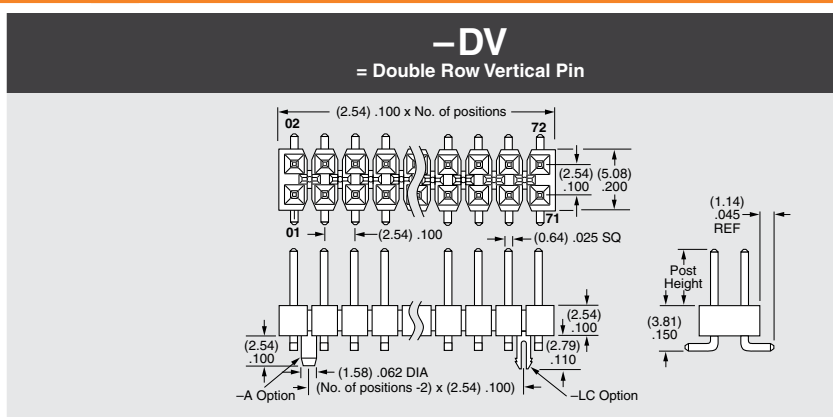
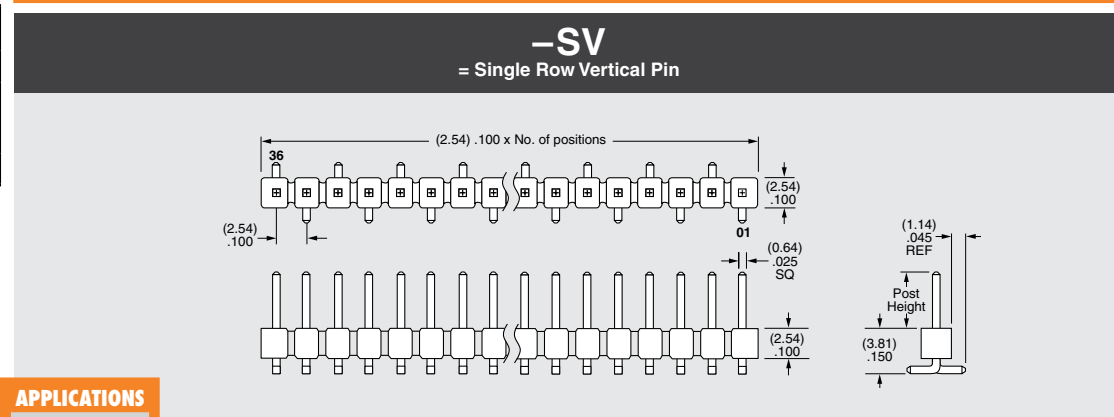


ALSO AVAILABLE (MOQ Required)

- 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.

TSM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTIONS	
		02 thru 36					
				<p>-F = Gold flash on post, Matte Tin on tail</p> <p>-L = 10 µm (0.25 µm) Gold on post, Matte Tin on tail</p> <p>-S = 30 µm (0.76 µm) Gold on post, Matte Tin on tail</p> <p>-T = Matte Tin</p>			<p>-A = Alignment Pin metal or plastic at Samtec discretion (Not available with -TM or -MT) (02 positions min.) (Not available with -LC)</p> <p>-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> <p>-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)</p> <p>-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))</p> <p>-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))</p>



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

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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.

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