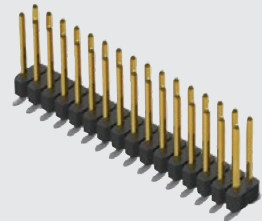


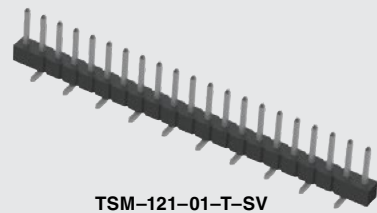


(2.54 mm) .100"

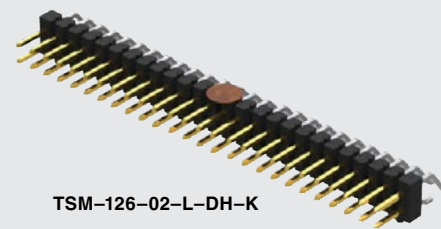
TSM-116-02-S-DV-LC



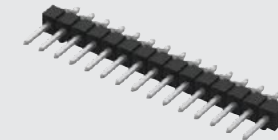
TSM-121-01-T-SV



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](http://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	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](mailto:IPG@samtec.com))

**RECOGNITIONS**

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

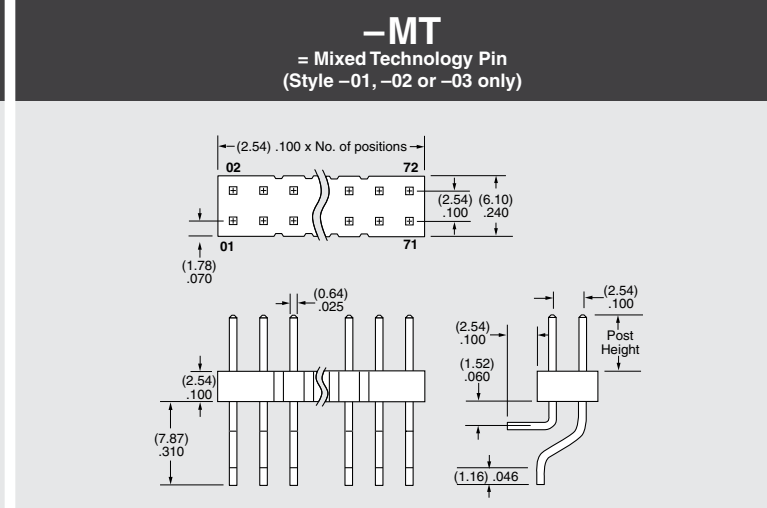
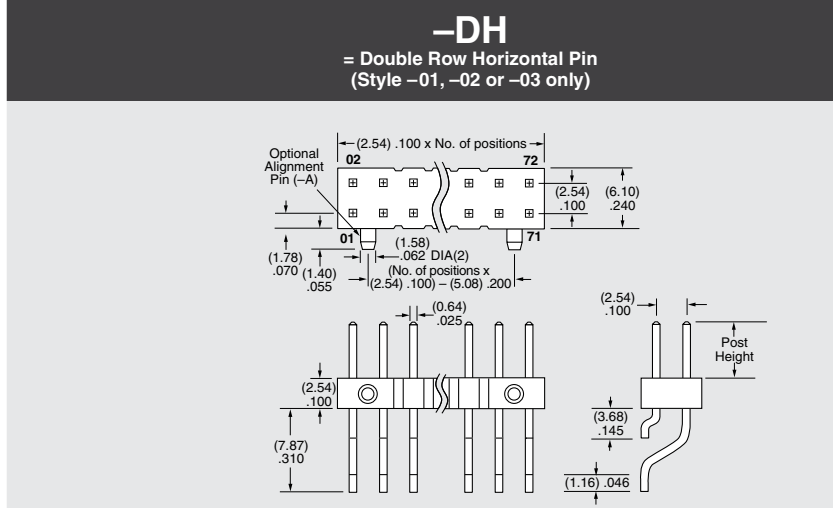
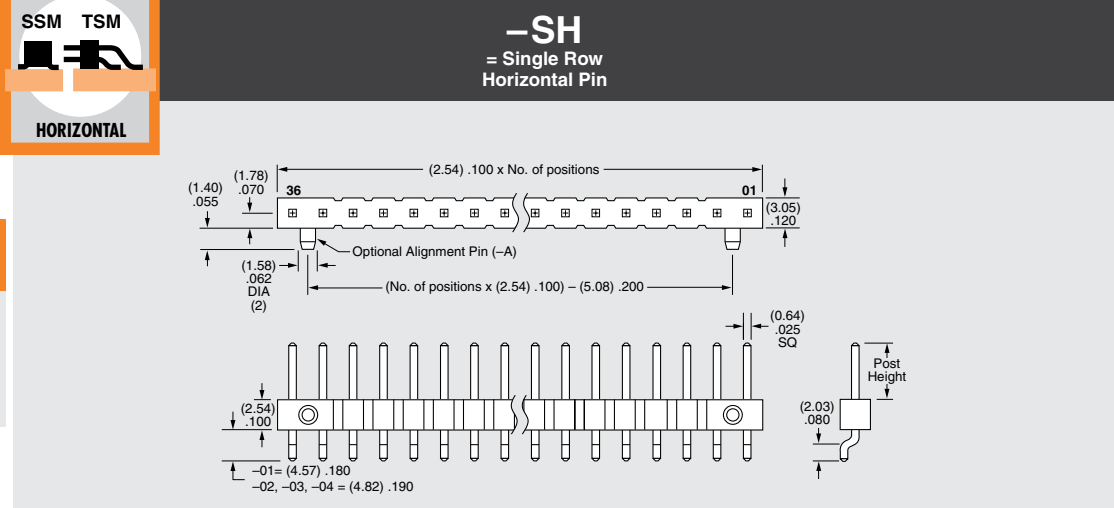
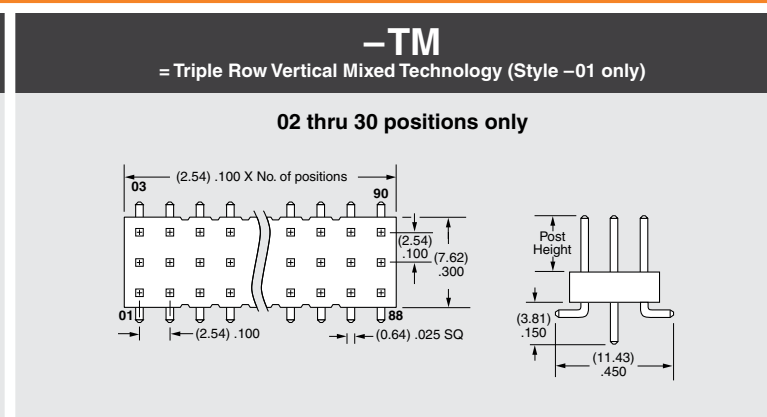
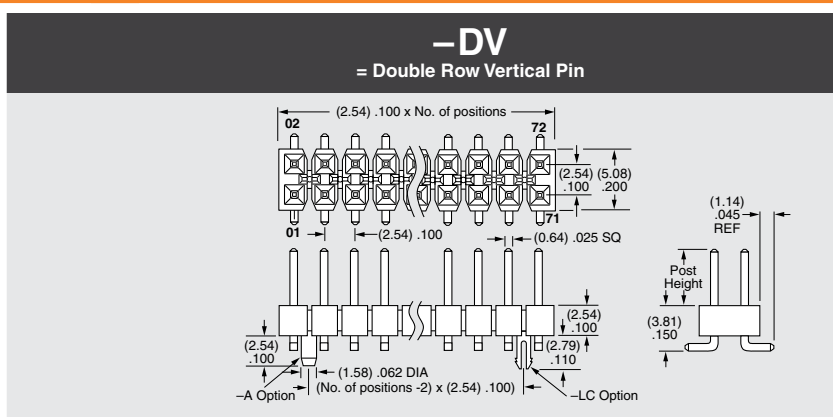
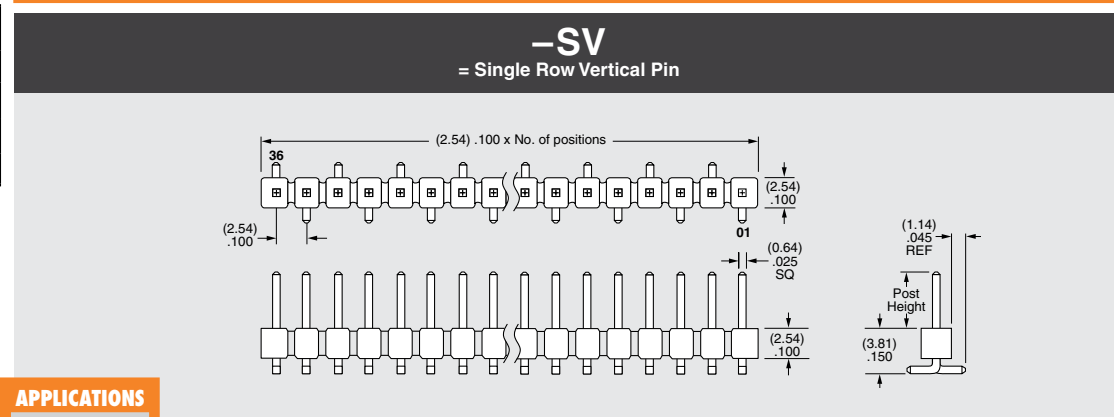


**ALSO AVAILABLE (MOQ Required)**

- 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				
				-F = Gold flash on post, Matte Tin on tail		
				-L = 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		
				-T = Matte Tin		
						-A = Alignment Pin metal or plastic at Samtec discretion (Not available with -TM or -MT) (02 positions min.) (Not available with -LC)
						-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 available with -TR) (-DH: 5 positions minimum without -TR) (-SV: 4 positions minimum without -TR; 2 & 3 positions available with -TR)
						-LC = Locking Clip (Not available with -TM) (3 positions min.) (Not available with -A) (Manual placement required)
						-"XXX" = Polarized Position
						-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 (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))



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

[WWW.SAMTEC.COM](http://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.

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