



(2.54 mm) .100"

TSM-116-02-S-DV-LC



TSM-121-01-T-SV



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 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)

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
		02 thru 36			

	-01 = .230" (5.84 mm) Post Height (Mates with SSW, BCS, SSM, IDSS, IDSD)
	-02 = .320" (8.13 mm) Post Height (Mates with SSM -DH)
	-03 = .420" (10.67 mm) Post Height (For Bottom Mount & Pass Through)
	-04 = .120" (3.05 mm) Post Height (Mates with SLW, CES, HLE)

-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

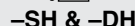
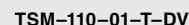
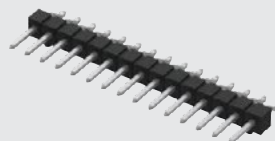
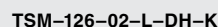
-SV = Single Row Vertical Pin	
-SH = Single Row Horizontal Pin	

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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