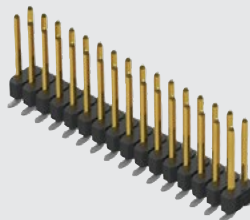




(2.54 mm) .100"

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

FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Edge Mount and Locking Clips for -SV
- Solder Locks for -DH and Shrouds for -DV
- Other platings

Note:

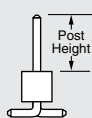
Some lengths, styles and
options are non-standard,
non-returnable.

TSM

1

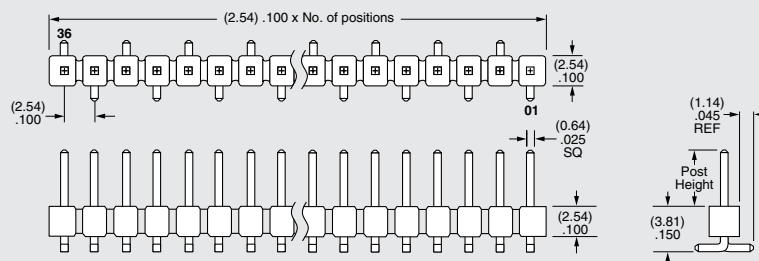
NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTION

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

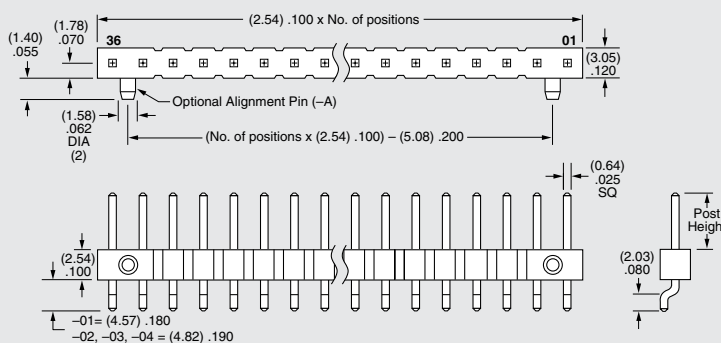
= Single Row Vertical Pin



APPLICATIONS



-SH

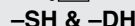
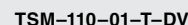
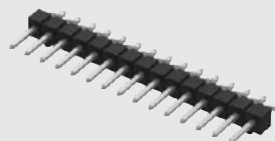
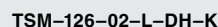
= Single Row
Horizontal Pin

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

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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