



TSM-116-02-S-DV-LC



TSM-121-01-T-SV



(2.54 mm) .100"

# 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 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                    |
| <b>2 PINS POWERED</b> |                          |

**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.

|            |          |                         |                   |  |                   |
|------------|----------|-------------------------|-------------------|--|-------------------|
| <b>TSM</b> | <b>1</b> | <b>NO. PINS PER ROW</b> | <b>LEAD STYLE</b> | <b>PLATING OPTION</b>  | <b>ROW OPTION</b> |
|            |          | <b>02 thru 36</b>       |                   | <b>-F</b><br>= Gold flash on post, Matte Tin on tail           |                   |
|            |          |                         |                   | <b>-L</b><br>= 10 μm (0.25 μm) Gold on post, Matte Tin on tail |                   |
|            |          |                         |                   | <b>-S</b><br>= 30 μm (0.76 μm) Gold on post, Matte Tin on tail |                   |
|            |          |                         |                   | <b>-T</b><br>= 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.

[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.



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [000-34000](#) [0009482033](#) [0009507031](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [647662-1](#) [65039-019ELF](#) [65817-002LF](#) [65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67016-026LF](#) [67046-001LF](#) [67095-007LF](#) [67230-005LF](#)