



(2.54 mm) .100"

TSS, HTSS, ZSS SERIES

# SHROUDED .025" SQ POST HEADERS

Mates with:  
SSW, SSQ, ESW, ESQ,  
SSM, BCS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TSS](http://www.samtec.com?TSS), [www.samtec.com?HTSS](http://www.samtec.com?HTSS) or [www.samtec.com?ZSS](http://www.samtec.com?ZSS)

**Insulator Material:**

TSS, ZSS: Black Glass  
Filled Polyester

HTSS: Natural PCT

**Insulation Resistance:**  
5000 MΩ min

**Terminal Material:**

Phosphor Bronze  
**Plating:** Au or Sn over  
50 μ" (1.27 μm) Ni

**Operating Temp Range:**

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

**Flammability Rating:**

UL 94V-0

**Withstanding Voltage:**

1000 VRMS

**RoHS Compliant:** Yes

## PROCESSING

**Lead-Free Solderable:**

HTSS: Yes

TSS, ZSS: Wave Only

**SMT Lead Coplanarity:**

(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

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



## OTHER SOLUTIONS

- Shrouded IDC headers and stackers to mate with IDSD Series. See TST, HTST and ZST Series.

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings
- Alignment Pins
- Single Row
- Locking Leads
- Polarized

**Note:** Some lengths, styles and options are non-standard, non-returnable. ZSS is non-standard, non-returnable.

<b>TYPE STRIP</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>
<b>TSS</b> = Connector Strip		<b>03</b> (TSS only) <b>05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36</b> (Standard sizes)	Specify <b>LEAD STYLE</b> from chart.	<b>-F</b> = Gold flash on post, Matte Tin on tail (Not available on -DV) <b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail <b>-T</b> = Matte Tin	<b>-D</b> = Double Row Through-hole (lead style -01, -02 & -03 only) <b>-DV</b> = Double Row Surface Mount (lead style -01 only) (HTSS only) <b>-D-RA</b> = Double Row Right-angle (lead style -04 & -05 only)

  

LEAD STYLE	T/H (A)
-01	(2.92) .115
-02	(4.19) .165
-03	(14.35) .565

  

LEAD STYLE	RIGHT ANGLE (B)
-04	(3.30) .130
-05	(5.84) .230

  

<b>ZSS</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>BODY HEIGHT</b>
		<b>03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36</b> (Standard sizes)	Specify <b>LEAD STYLE</b> from chart.	<b>-F</b> = Gold flash on post, Matte Tin on tail <b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail <b>-T</b> = Matte Tin		<b>- "XXXX"</b> = Body Height

  

LEAD STYLE	C (OAL)	MAX BODY HEIGHT
-01	(16.00) .630	(13.72) .540
-02	(18.54) .730	(16.26) .640
-03	(21.08) .830	(18.80) .740
-04	(23.62) .930	(21.34) .840
-05	(26.16) 1.030	(23.88) .940
-06	(28.70) 1.130	(26.42) 1.040
-07	(31.24) 1.230	(28.96) 1.140
-08	(33.78) 1.330	(31.50) 1.240
-09	(36.32) 1.430	(34.04) 1.340

  

**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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](#)