

(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, www.samtec.com?HTSS or 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-O

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


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.

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

ZSS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT																														
		03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Standard sizes)	Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail	- "XXXX" = Body Height	<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>C (OAL)</th> <th>MAX BODY HEIGHT</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(16.00) .630</td> <td>(13.72) .540</td> </tr> <tr> <td>-02</td> <td>(18.54) .730</td> <td>(16.26) .640</td> </tr> <tr> <td>-03</td> <td>(21.08) .830</td> <td>(18.80) .740</td> </tr> <tr> <td>-04</td> <td>(23.62) .930</td> <td>(21.34) .840</td> </tr> <tr> <td>-05</td> <td>(26.16) 1.030</td> <td>(23.88) .940</td> </tr> <tr> <td>-06</td> <td>(28.70) 1.130</td> <td>(26.42) 1.040</td> </tr> <tr> <td>-07</td> <td>(31.24) 1.230</td> <td>(28.96) 1.140</td> </tr> <tr> <td>-08</td> <td>(33.78) 1.330</td> <td>(31.50) 1.240</td> </tr> <tr> <td>-09</td> <td>(36.32) 1.430</td> <td>(34.04) 1.340</td> </tr> </tbody> </table>	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
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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.

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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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