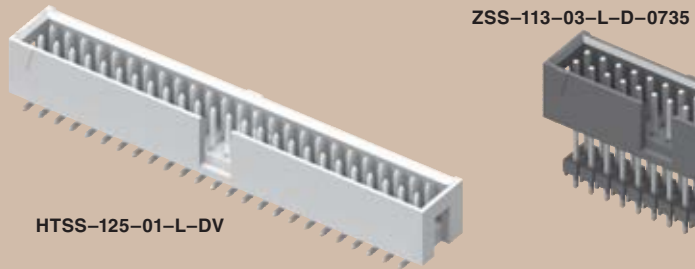


(2,54 mm) .100"

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: Black Glass Filled Polyester (TSS, ZSS)

Natural PCT (HTSS)  
Insulation Resistance: 5000 MΩ min

Terminal Material: Phosphor Bronze  
Plating: Au or Sn over 50μ" (1,27 μm) Ni

Current Rating: 3A per contact  
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: Yes (HTSS)  
Wave Only (TSS, ZSS)  
SMT Lead Coplanarity: (0,15 mm) .006"

<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>05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36</b> (Call Samtec for other 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> = 10μ" (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

## ALSO AVAILABLE

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

## APPLICATION SPECIFIC OPTION

- Alignment Pins
  - Single Row
  - Locking Leads
  - Polarized
- Call Samtec.

Note: Other Gold plating options available. Contact Samtec.

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

<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>05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36</b> (Call Samtec for other sizes.)	Specify <b>LEAD STYLE</b> from chart.	<b>-F</b> = Gold flash on post, Matte Tin on tail <b>-L</b> = 10μ" (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](mailto:ipg@samtec.com) for more information.

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