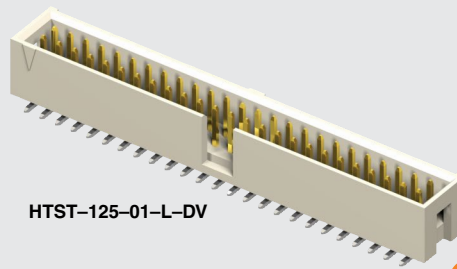
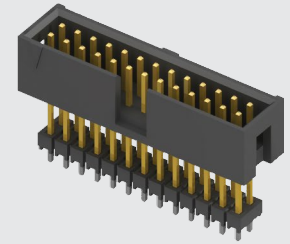


FLEX STACK



HTST-125-01-L-DV



(2.54 mm) .100"

TST, HTST, ZST SERIES

SHROUDED .025" SQ POST IDC HEADERS

Mates with:
IDSD, HCSD

SPECIFICATIONS

For complete specifications
www.samtec.com?TST,
www.samtec.com?HTST or
www.samtec.com?ZST

Insulator Material:

TST, ZST: Black Glass Filled Polyester
HTST: Natural LCP

Insulation Resistance:
5000 MΩ min

Terminal Material:

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

Current Rating (IDSD/TST):

3.4 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

Flammability Rating: UL 94V-0

Voltage Rating:
425 VAC/600 VDC

RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable:

HTST: Yes
TST, ZST: No, Lead Wave only

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-15)
(0.15 mm) .006" max (17-36)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see
www.samtec.com/quality



OTHER SOLUTIONS

- Shrouded board-to-board headers and stackers to mate with SSW, SSQ, ESW, ESQ, SSM and BCS Series. See TSS, HTSS and ZSS Series.

ALSO AVAILABLE (MOQ Required)

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

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

TYPE STRIP	1	NO. PINS PER ROW	05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Standard sizes)	LEAD STYLE	Specify LEAD STYLE from chart.	PLATING OPTION	-F = Gold flash on post, Matte Tin on tail (Not available on -DV) -L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -T = Matte Tin	ROW OPTION	-D = Double Row Through-hole (lead style -01, -02 & -03 only) -DV = Double Row Surface Mount (lead style -01 only) (HTST only) -D-RA = Double Row Right-angle (lead style -04 & -05 only)	OTHER OPTION	Surface Mount (lead style -01 only) (HTST only) -P = Pick & Place Pad -TR = Tape & Reel Packaging -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)
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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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[HTST-110-01-T-DV](#) [HTST-105-01-T-DV-P-TR](#) [HTST-113-01-L-DV-P-TR](#) [HTST-110-01-S-DV](#) [HTST-105-01-S-D](#)
[HTST-107-01-S-DV](#) [HTST-107-01-L-DV-P](#) [HTST-113-04-L-D-RA](#) [HTST-105-01-S-DV](#) [HTST-107-01-L-DV](#) [HTST-108-04-L-D-RA](#) [HTST-113-01-SM-DV](#) [HTST-108-01-L-DV](#) [HTST-110-01-L-DV-A](#) [HTST-105-02-T-D](#) [HTST-115-01-S-DV-P](#)
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[HTST-132-01-L-DV](#) [HTST-108-01-L-DV-P-TR](#) [HTST-113-01-S-DV-P](#) [HTST-113-01-F-D-LL](#) [HTST-113-01-L-DV-P](#) [HTST-107-02-S-D](#) [HTST-110-01-L-DV-P-TR](#) [HTST-105-01-S-DV-P-TR](#) [HTST-105-04-L-D-RA](#) [HTST-112-01-T-DV](#) [HTST-105-01-L-D](#) [HTST-108-01-G-D](#) [HTST-105-01-S-DV-P](#) [HTST-117-01-L-D](#) [HTST-110-01-TM-DV](#) [HTST-120-01-G-D](#) [HTST-117-01-S-DV](#) [HTST-105-01-T-DV](#) [HTST-107-01-F-DV-P-TR](#) [HTST-113-01-S-D](#) [HTST-112-01-L-DV](#) [HTST-117-01-L-DV](#) [HTST-110-01-LM-DV](#) [HTST-115-01-L-DV](#) [HTST-110-01-F-D](#) [HTST-110-01-L-DV-A-P-TR](#) [HTST-117-01-G-D](#) [HTST-107-01-L-DV-P-TR](#) [HTST-110-01-S-DV-P](#) [HTST-113-03-G-D](#) [HTST-108-01-S-DV](#) [HTST-120-01-S-D](#) [HTST-105-02-F-D](#) [HTST-115-01-S-DV](#) [HTST-105-01-SM-DV](#) [HTST-110-04-L-D-RA](#) [HTST-115-01-T-DV](#) [HTST-108-01-L-DV-P](#) [HTST-110-02-T-D](#) [HTST-110-01-SM-DV](#) [HTST-105-05-G-D-RA](#) [HTST-125-01-L-D](#) [HTST-125-01-S-DV](#) [HTST-107-01-T-DV](#) [HTST-108-01-T-DV](#) [HTST-105-01-L-DV-A](#) [HTST-108-01-SM-DV](#) [HTST-120-01-L-DV-P-TR](#) [HTST-108-02-L-D](#) [HTST-113-02-L-D](#) [HTST-115-01-S-D](#) [HTST-107-01-T-DV-P-TR](#) [HTST-110-01-S-DV-P-TR](#) [HTST-113-01-L-D](#) [HTST-105-01-SM-DV-P](#) [HTST-105-01-T-DV-P](#) [HTST-107-02-T-D](#) [HTST-112-01-S-D](#) [HTST-108-01-F-D](#) [HTST-105-01-F-D](#) [HTST-110-01-G-D](#) [HTST-105-01-TM-DV](#) [HTST-105-04-G-D-RA](#) [HTST-105-01-F-DV](#) [HTST-110-01-T-DV-P-TR](#) [HTST-105-02-L-D](#) [HTST-113-01-T-DV](#) [HTST-105-01-F-DV-P-TR](#) [HTST-110-01-L-DV](#) [HTST-107-01-SM-DV](#) [HTST-112-01-L-D](#) [HTST-113-01-L-DV](#) [HTST-110-01-S-D](#)