



HTST-125-01-L-DV

(2,54 mm) .100"
TST, HTST, ZST SERIES

SHROUDED .025" SQ POST IDC HEADERS

Mates with:
 IDSD, SMSD

SPECIFICATIONS

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

Insulator Material:
 Black Glass
 Filled Polyester
 (TST, ZST)
 Natural PCT (HTST)



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 (HTST)
 Wave Only (TST, ZST)
 SMT Lead Coplanarity:
 (0,15 mm) .006"

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION
TST = Cable Strip		05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Call Samtec for other sizes.)	Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail (Not available on -DV) -L = 10μ" (0,25 μm) Gold on post, Matte Tin on tail -T = Matte Tin	-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)

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 board-to-board headers and stackers to mate with SSW, SSQ, ESW, ESQ, SSM and BCS Series. See TSS, HTSS and ZSS 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. ZST is non-standard, non-returnable.

ZST	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT
		05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Call Samtec for other sizes.)	Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail -L = 10μ" (0,25 μm) Gold on post, Matte Tin on tail -T = Matte Tin		- "XXXX" = 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.