



(2.54 mm) .100"

HTST-125-01-L-DV

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:
 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 μ m) Ni

Current Rating (IDSD/TST):

3.4 A per pin

(1 pin powered per row)

Operating Temp Range:

-55 $^{\circ}$ C to +125 $^{\circ}$ C with Gold

-55 $^{\circ}$ C to +105 $^{\circ}$ C with Tin

Flammability Rating: UL 94V-O

Withstanding Voltage:

1000 VRMS

RoHS Compliant: Yes

Processing:

Lead-Free Solderable:

HTST: Yes

TST, ZST: Wave Only

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-15)

(0.15 mm) .006" max (17-36)

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
- Contact Samtec.

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

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
TST = Cable Strip		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 (Not available on -DV)	-D = Double Row Through-hole (lead style -01, -02 & -03 only)	Surface Mount (lead style -01 only) (HTST only)
HTST = High Temp Cable Strip				-L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail	-DV = Double Row Surface Mount (lead style -01 only) (HTST only)	-P = Pick & Place Pad
				-T = Matte Tin	-D-RA = Double Row Right-angle (lead style -04 & -05 only)	-TR = Tape & Reel Packaging

Technical drawing showing lead styles and dimensions for shrouded .025" SQ post IDC headers. The drawing includes a top view of the header with lead styles -01, -02, and -03, and a side view showing lead height (A), body height (B), and overall height (C). Dimensions are in inches.

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 (Standard sizes.)	Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail		
				-L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail		
				-T = Matte Tin		

Technical drawing showing lead styles and dimensions for shrouded .025" SQ post IDC headers. The drawing includes a top view of the header with lead styles -01, -02, and -03, and a side view showing lead height (A), body height (B), and overall height (C). Dimensions are in inches.

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.