



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

Insulation Resistance:
5000 MΩ min

Terminal Material:

Phosphor Bronze

Plating: Au or Sn over
50 μ (1.27 mm) Ni

50μ" (1,27 μm)

Current Rating (IDSB/
3.4 A per pin

3.4 A per pin
(1 pin powered per row)

Operating Temp Range:

Operating Temp Range:
-55°C to +125°C with Gol

-55°C to +105°C with Tin

Flammability Rating: U

Withstanding Voltage:
1000 VDC

1000 VRMS
ReHF Comp

RoHS Compliant: Yes

Processing:

Lead-Free Solderable:

Yes (HTST)

Wave Only (TST, ZST)
GMT Load Calculator

SMT Lead Coplanarity:
(0.10 mm) 0.004" max (0.5

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

(0,15 min) .000 Max (17-30)

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 HTST = High Temp 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) –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)	–P = Pick & Place Pad –TR = Tape & Reel Packaging	

ZST	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT
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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
 = 10μ" (0,25 μm)
Gold on post,
Matte Tin on tail

-T
 = Matte Tin

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.

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