



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

Current Rating (IDSD/TST):

3.4 A per pin
(1 pin powered per row)

Operating Temp Range:

Operating Temp Range:
-55°C to +125°C with Gold
-55°C to +105°C with Tin

Flammability Rating: U

Withstanding Voltage:
1000 VRMS

RoHS Compliant: Yes

Processing:

Processing:
Lead-Free Solderable:

Lead-Free
Yes (HTST)

Wave Only (TST, ZST)

SMT Lead Coplanarity:

(0,10 mm) .004" max (05-15)
(0,15 mm) .006" max (17-36)

(0,15 mm) .006" max (17-36)

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									
<table><tr><th>LEAD STYLE</th><th>T/H (A)</th></tr><tr><td>-01</td><td>(2,92) .115</td></tr><tr><td>-02</td><td>(4,19) .165</td></tr><tr><td>-03</td><td>(14,35) .565</td></tr></table> Technical drawing of a cable strip assembly. It shows a top view with dimensions: (2,54) .100 x No. of Positions + (7,62) .300 for the overall length, and (2,54) .100 x No. of Positions + (5,08) .200 for the width. A side view shows a lead height of (9,27) .365. A detail view shows a lead with a width of (2,54) .100 and a height of (2,54) .100. A cross-section view shows a lead with a width of (8,89) .350 and a height of (0,38) .015. A detail view shows a lead with a width of (0,64) .025 SQ TYP. A detail view shows a lead with a width of (10,16) .400 and a height of (6,35) .250. A detail view shows a lead with a width of (11,18) .440 and a height of (5,08) .200. A detail view shows a lead with a width of (10,16) .400 and a height of (6,35) .250. A detail view shows a lead with a width of (11,18) .440 and a height of (5,08) .200.							LEAD STYLE	T/H (A)	-01	(2,92) .115	-02	(4,19) .165	-03	(14,35) .565
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-04	(3,30) .130													
-05	(5,84) .230													
-D = Double Row Through-hole -DV (HTST ONLY) -D-RA														

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.

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

- "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.

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