



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 (IDSD/TST):
3.4 A per pin
(1 pin powered per row)
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:
(0,10 mm) .004" max (05-15)
(0,15 mm) .006" max (17-36)

TYPE
STRIP

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTIONOTHER
OPTIONTST
= Cable StripHTST
= 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)

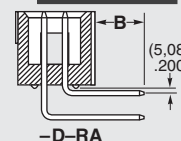
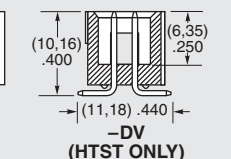
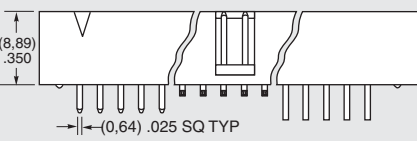
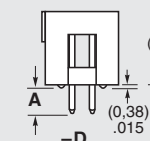
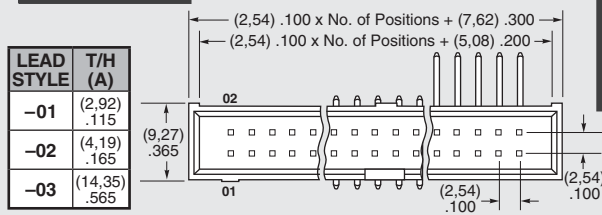
—D-RA
= Double Row
Right Angle
(lead style -04
& -05 only)

Surface
Mount
(lead style
-01 only)
(HTST only)

—P
= Pick &
Place Pad

—TR
= Tape
& Reel
Packaging

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

RECOGNITIONS

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



FILE NO. E111594

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 ROWLEAD
STYLEPLATING
OPTION

D

BODY
HEIGHT

05, 07, 08, 10, 12, 13,
15, 17, 20, 25, 32, 36
(Standard sizes.)

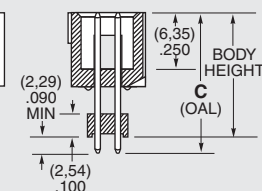
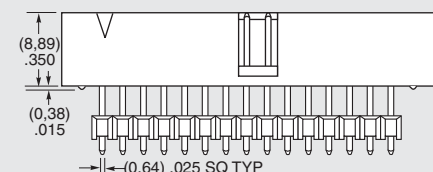
Specify
LEAD
STYLE
from
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—F
= Gold flash on post,
Matte Tin on tail

—L
= 10μ" (0,25 μm)
Gold on post,
Matte Tin on tail

—T
= Matte Tin

—“XXXX”
= Body Height



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.

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