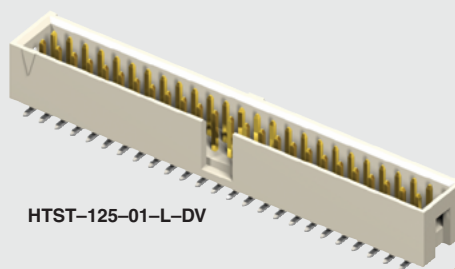
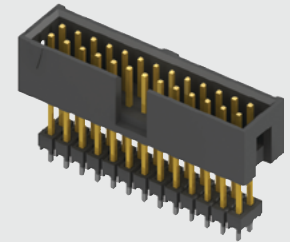


# FLEX STACK



HTST-125-01-L-DV



TST, HTST, ZST SERIES

(2.54 mm) .100"

# SHROUDED .025" SQ POST IDC HEADERS

Mates with:

IDSD

## SPECIFICATIONS

For complete specifications  
[www.samtec.com?TST](http://www.samtec.com?TST),  
[www.samtec.com?HTST](http://www.samtec.com?HTST) or  
[www.samtec.com?ZST](http://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 μm) Ni

**Current Rating (IDSD/TST):**

3.4 A per pin

(2 pins powered)

**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:**

HTST: Yes

TST, ZST: Wave Only

**SMT Lead Coplanarity:**

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

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

\*(.004" stencil solution

may be available; contact

IPG@samtec.com)

## RECOGNITIONS

For complete scope of

recognitions see

[www.samtec.com/quality](http://www.samtec.com/quality)

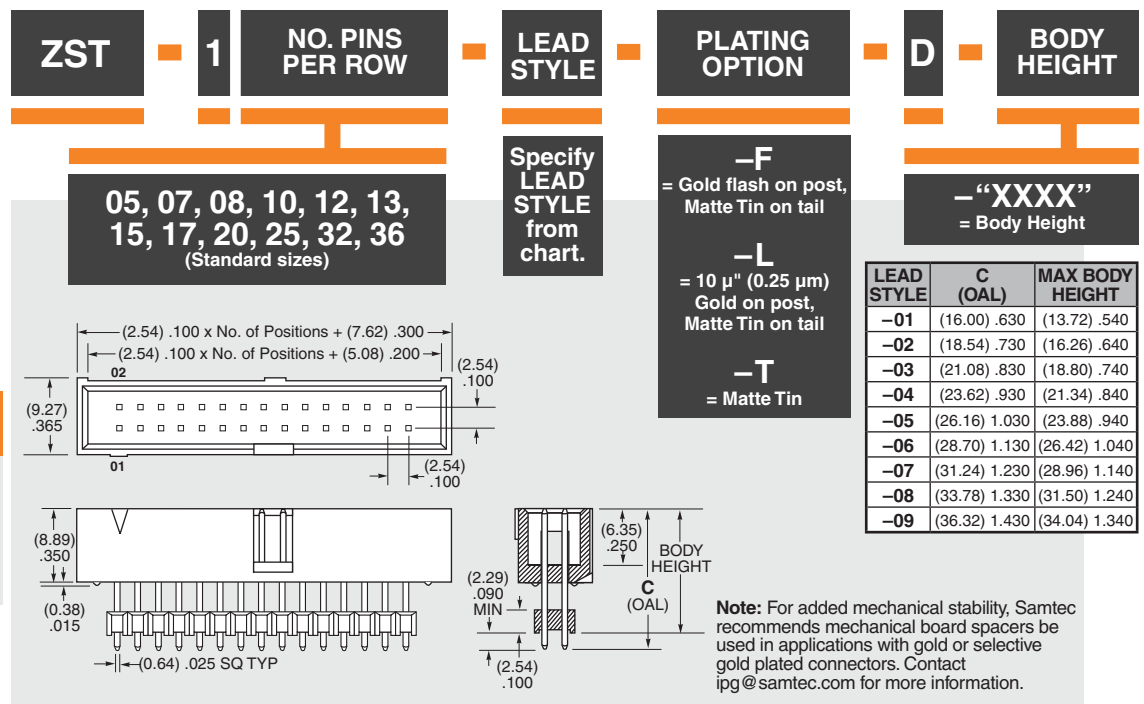
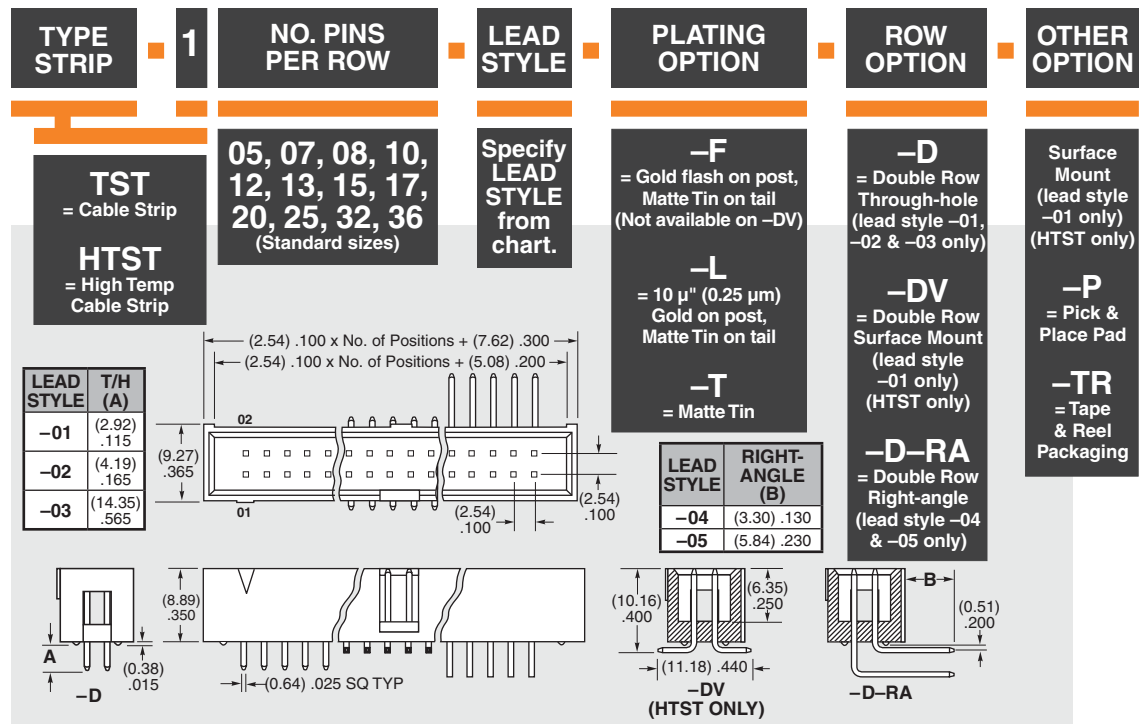
## OTHER SOLUTIONS

- 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

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



**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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