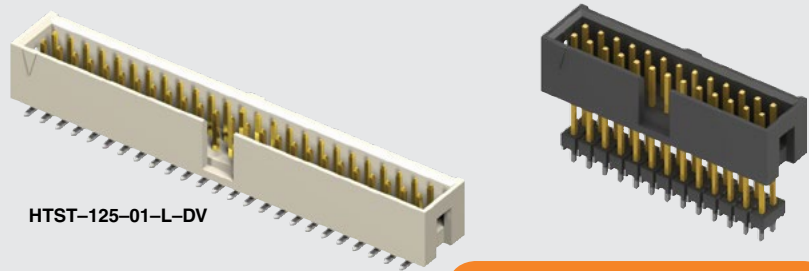


# FLEX STACK



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

### Voltage Rating:

425 VAC/600 VDC

### 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

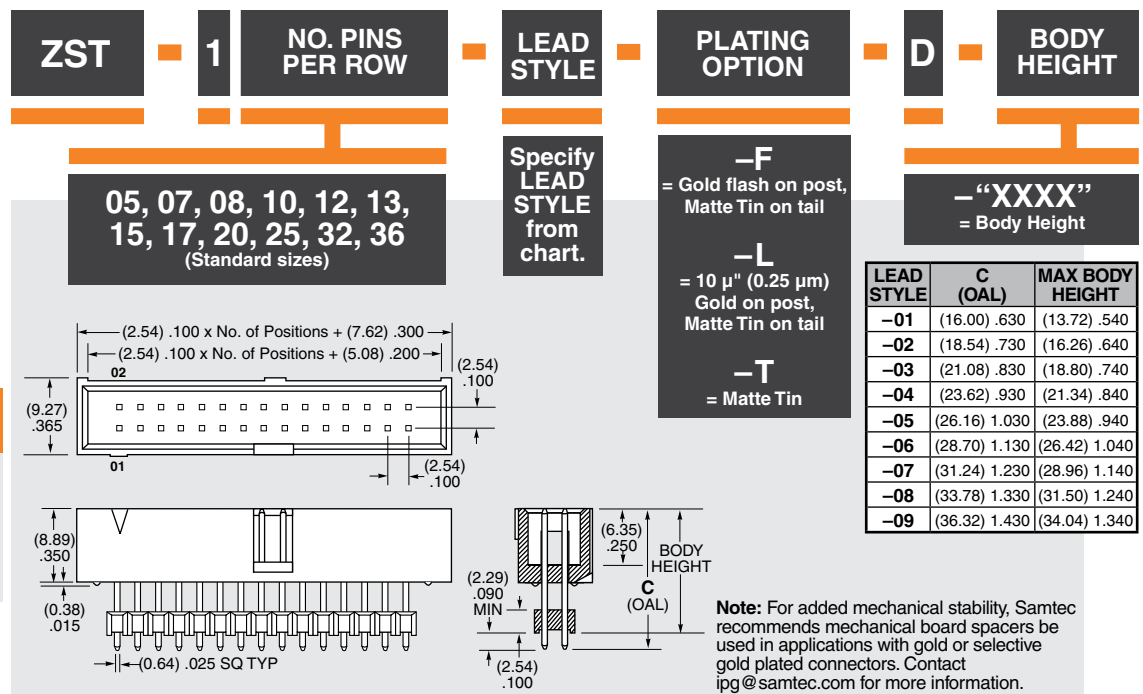
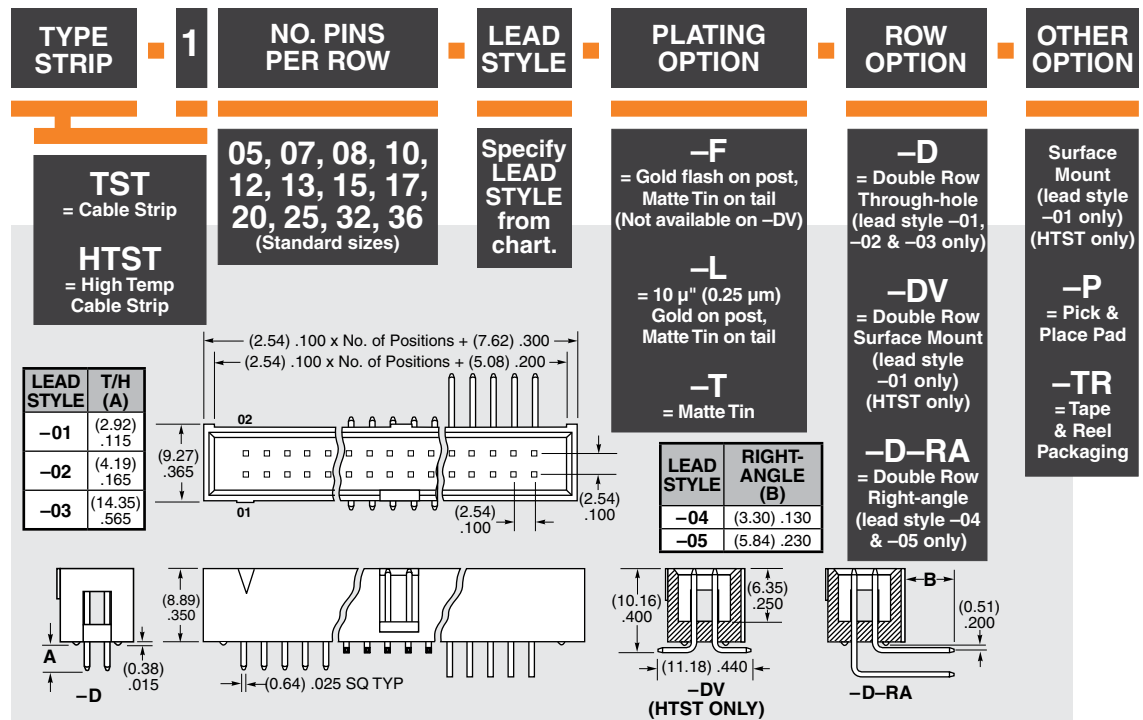
- Shrouded board-to-board headers and stackers to mate with SSW, SSQ, ESW, ESQ, SSM and BCS Series. See TSS, HTSS and ZSS Series.

## 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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