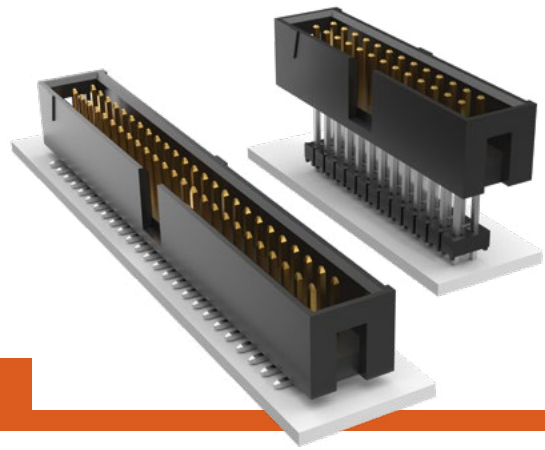


FLEX STACK

SHROUDED .025" SQ POST IDC HEADERS

(2.54 mm) .100" PITCH • TST/HTST/ZST SERIES



TST/HTST/ZST

Mates:
IDSD, HCSD

SPECIFICATIONS

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

Voltage Rating:

425 VAC/600 VDC

PROCESSING

Lead-Free Solderable:

HTST=Yes

TST, ZST= No, Lead 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)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
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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
= 10 μ" (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)

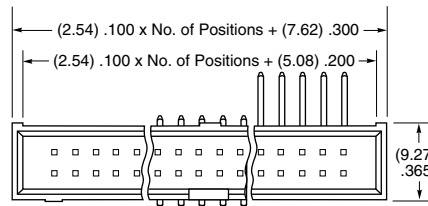
Surface Mount (lead style -01 only) (HTST only)

-P
= Pick & Place Pad

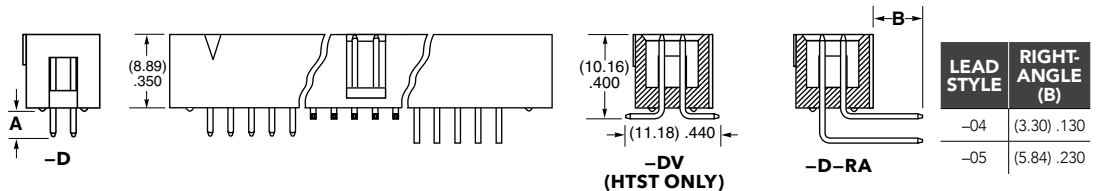
-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

LEAD STYLE	THROUGH-HOLE (A)
-01	(2.92) .115
-02	(4.19) .165
-03	(14.35) .565



-D -DV -D-RA



ZST	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT
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05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36
(Standard sizes)

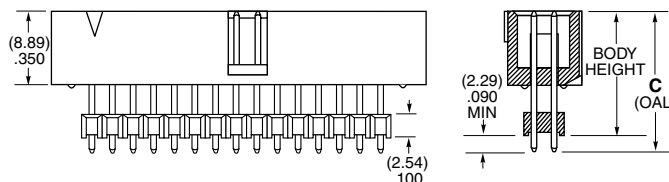
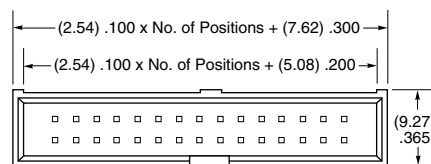
Specify **LEAD STYLE** from chart

-F
= Gold flash on post, Matte Tin on tail

-L
= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

-T
= Matte Tin

-"XXXX"
= Body Height



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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[HTST-110-01-T-DV](#) [HTST-105-01-T-DV-P-TR](#) [HTST-113-01-L-DV-P-TR](#) [HTST-110-01-S-DV](#) [HTST-105-01-S-D](#)
[HTST-107-01-S-DV](#) [HTST-107-01-L-DV-P](#) [HTST-113-04-L-D-RA](#) [HTST-105-01-S-DV](#) [HTST-107-01-L-DV](#) [HTST-108-04-L-D-RA](#) [HTST-113-01-SM-DV](#) [HTST-108-01-L-DV](#) [HTST-110-01-L-DV-A](#) [HTST-105-02-T-D](#) [HTST-115-01-S-DV-P](#)
[HTST-120-01-L-DV](#) [HTST-107-01-L-D](#) [HTST-117-01-S-D](#) [HTST-105-02-G-D](#) [HTST-120-01-T-DV](#) [HTST-110-01-T-DV-P](#) [HTST-105-01-L-DV-P-TR](#) [HTST-117-02-L-D](#) [HTST-108-01-L-D](#) [HTST-108-01-T-DV-P-TR](#) [HTST-107-01-S-D](#)
[HTST-132-01-L-DV](#) [HTST-108-01-L-DV-P-TR](#) [HTST-113-01-S-DV-P](#) [HTST-113-01-F-D-LL](#) [HTST-113-01-L-DV-P](#) [HTST-107-02-S-D](#) [HTST-110-01-L-DV-P-TR](#) [HTST-105-01-S-DV-P-TR](#) [HTST-105-04-L-D-RA](#) [HTST-112-01-T-DV](#) [HTST-105-01-L-D](#) [HTST-108-01-G-D](#) [HTST-105-01-S-DV-P](#) [HTST-117-01-L-D](#) [HTST-110-01-TM-DV](#) [HTST-120-01-G-D](#) [HTST-117-01-S-DV](#) [HTST-105-01-T-DV](#) [HTST-107-01-F-DV-P-TR](#) [HTST-113-01-S-D](#) [HTST-112-01-L-DV](#) [HTST-117-01-L-DV](#) [HTST-110-01-LM-DV](#) [HTST-115-01-L-DV](#) [HTST-110-01-F-D](#) [HTST-110-01-L-DV-A-P-TR](#) [HTST-117-01-G-D](#) [HTST-107-01-L-DV-P-TR](#) [HTST-110-01-S-DV-P](#) [HTST-113-03-G-D](#) [HTST-108-01-S-DV](#) [HTST-120-01-S-D](#) [HTST-105-02-F-D](#) [HTST-115-01-S-DV](#) [HTST-105-01-SM-DV](#) [HTST-110-04-L-D-RA](#) [HTST-115-01-T-DV](#) [HTST-108-01-L-DV-P](#) [HTST-110-02-T-D](#) [HTST-110-01-SM-DV](#) [HTST-105-05-G-D-RA](#) [HTST-125-01-L-D](#) [HTST-125-01-S-DV](#) [HTST-107-01-T-DV](#) [HTST-108-01-T-DV](#) [HTST-105-01-L-DV-A](#) [HTST-108-01-SM-DV](#) [HTST-120-01-L-DV-P-TR](#) [HTST-108-02-L-D](#) [HTST-113-02-L-D](#) [HTST-115-01-S-D](#) [HTST-107-01-T-DV-P-TR](#) [HTST-110-01-S-DV-P-TR](#) [HTST-113-01-L-D](#) [HTST-105-01-SM-DV-P](#) [HTST-105-01-T-DV-P](#) [HTST-107-02-T-D](#) [HTST-112-01-S-D](#) [HTST-108-01-F-D](#) [HTST-105-01-F-D](#) [HTST-110-01-G-D](#) [HTST-105-01-TM-DV](#) [HTST-105-04-G-D-RA](#) [HTST-105-01-F-DV](#) [HTST-110-01-T-DV-P-TR](#) [HTST-105-02-L-D](#) [HTST-113-01-T-DV](#) [HTST-105-01-F-DV-P-TR](#) [HTST-110-01-L-DV](#) [HTST-107-01-SM-DV](#) [HTST-112-01-L-D](#) [HTST-113-01-L-DV](#) [HTST-110-01-S-D](#)